

AC40/2L

LIFTING CAPACITY CHART



2 5 1 7 8 5

S/N : 251481->

LIFTING CAPACITY CHART AC40/2L

REF – Aust P6944058/b

[illegible]



TEREX®

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TEREX®

AC40/2L

75%

40 METRIC TONS



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DEFINITIONS

RATED LIFTING CAPACITY :

The total suspended load, including the weight of handling accessories, that the machine can safely lift under ideal conditions at a given boom length, boom radius and boom angle for a given outrigger and slewing configuration.

LOAD RADIUS :

The horizontal distance measured between the center of rotation and the hoist load line or tackle with load applied

LOADED BOOM ANGLE :

The angle between the longitudinal centerline of the boom base section and the horizontal after lifting the rated load at the rated load radius.

BOOM POINT ELEVATION :

The vertical distance measured between the ground and the boom point sheave.

FREELY SUSPENDED LOAD :

Lifted load hanging free with no direct external force applied except by the hoist line.

WORK AREAS :

Area measured in a circular arc about the center line of rotation as shown in the area of operation diagram.

FULLY EXTENDED OUTRIGGERS :

All four outrigger beams are fully extended and the machine is raised on all four pads with the wheels completely clear of the ground.

INTERMEDIATELY EXTENDED OUTRIGGERS :

All four outriggers are extended to the intermediate position and the machine is raised on all four pads with the wheels completely clear of the ground.

FULLY RETRACTED OUTRIGGERS :

All four outriggers are fully retracted and the machine is raised on all four pads with the wheels completely clear of the ground.

**WARNING**

Cranes lifting capacities shown are for this machine as originally manufactured and equipped by TEREX. The lifting capacities only apply when all the instructions in this book are rigidly followed. Modifications to this machine or use of equipment other than that specified can result in a reduction of capacity.

If improperly operated or maintained, this machine can be hazardous. Operation and maintenance of this machine must be in compliance with the information in the operators, shop, parts and safety manuals furnished. If these manuals are missing, obtain replacements through : TEREX CRANES FRANCE SAS

Z.I. La Saule - 71300 MONTCEAU LES MINES FRANCE - Tel.:(33) 03 85 67 38 00

Reduced crane lifting capacities for the particular job shall be established by the user with due allowance for adverse operating conditions. These conditions include the supporting surface, pendulum action of the load, jerking or sudden stops of load and other factors affecting stability, two machine lifts, electrical wires, adverse weather, wind, hazardous surroundings, experience of personnel, etc...

Crane lifting capacities are based on freely suspended loads with the machine leveled and standing on a firm uniform supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger float to distribute the float load and insure that ground bearing capacity of supporting surface is not exceeded. No attempt shall be made to move a load horizontally on the ground in any direction. You can work out the effect on the mounting with the Excel programme that was supplied with the documentation.

Side loading of the machine and load swing out may cause structural failure or machine tip-over. Side loads may be generated by : lifting when not level; swinging when not level; dragging a load; sudden accelerating or deceleration in swinging; wind forces on load and boom structure; pushing a load.

Loaded boom angles at specified boom lengths give only an approximation of operating radius. The boom angle before loading should be greater to account for boom deflection as the load is lifted from the ground.

LIFTING ON WHEELS

Operate on a firm and level surface with tyres inflated to the recommended pressure and suspension locked (see driver's manual). The recommended pressures are indicated either in the cab or near the wheels. For loaded handling use the lowest possible gear, the shortest boom centred over rear of the chassis with the load slung as close as possible to the chassis. For maximum safety, extend the outriggers, lower the outrigger rams as far as possible and lock the turret slewing system.

**WARNING**

Rated lifting capacities are based on correct reeving. Deduction must be made for excessive reeving. Any reeving over minimum required (see wire rope strength table) is considered excessive and must be accounted for. Use working range diagram to estimate the extra metre of rope then deduct 1.36 Kg. for each metre of wire rope before attempting to lift a load.

Positioning or operation at radii or boom lengths beyond the maximum or minimum shown, is neither intended nor approved.

When one, or both of the radius and boom length parameters is found to be between the values indicated on the capacity chart, then use the following procedure:

Respect the lowest load capacity corresponding to either; the immediately higher or immediately lower radius parameter indicated on the chart; or, the immediately higher or immediately lower boom length parameter indicated on the chart.

Positioning or operation of lattice extensions or jibs at boom angles beyond the maximums or minimums shown, is neither intended nor approved.

It is safe to attempt to telescope any load within the limits of the load rating chart. The maximum load which may be telescoped is limited by hydraulic pressure, boom angle, and powered boom lubrication.

Never approach the machine's tip over limit point to determine allowable lifting capacities.

Handling of personnel from the boom is not authorized except with equipment approved by TEREX and must meet the requirements of the laws .

Use of pile driving/extracting equipment or any other is approved only within the limitations and operating requirements as stated by TEREX.

MAIN AND AUXILIARY HOIST REEEVING- 16 mm DIA. WIRE ROPE									
PARTS OF LINE	1	2	3	4	5	6	7	8	9
MAX LOAD METRIC TON	4,50	9,00	13,50	18,00	22,50	27,00	31,50	36,00	40,50



1

CAPACITIES

The capacity ratings are conform with requirements specified in 98/37/CEE and therefore with the European Certification CE . The calculations concerning these charts are based on FEM 5004 and DIN 15018-P3 for structural resistance, and ISO 4305 in relation to stability calculations. The indicated values are valid for machines used in conditions according to classification A1 of the ISO 4301/2 standard and classification H1-B2 of the DIN 15018-P1 standard. For more intensive use, where capacities should be reduced, please consult PPM. The indicated loads are the maximum covered by the manufacturer's guarantee when the correct counterweights have been fitted in the correct position for lifting. These weights are given in metric tons. The weight of hook blocks and other handling accessories must be subtracted from the indicated loads (Refer to Note 2).

Telescoping information.

The capacity charts are given for three different telescoping modes :

Telescoping Modes : Boom telescoping is carried out according to three telescoping modes.

The most appropriate Telescoping Mode can be selected according to the lifting operation to be realized following indications given on the "Heights - Lengths - Radii" adhesive in the upper cab. (Valid for outriggers fully extended and 5,5T counterweight)

Mode 1 : Heavy duty lifting

Mode 2 : High load and long radii handling.

The chapter in the Operator's Manual concerning the SLI unit describes the telescoping procedures to be followed for each Mode.



In the event where these procedures are not respected, it is forbidden to interpolate lifting capacities for intermediate boom lengths with those defined for the selected mode. In this case, use the length boom load chart for each percentage of T2, T3, T4, T5 with a value at least immediately above the current value.

The machine must be set up on outriggers with a maximum horizontal deviation of $\pm 1\%$.

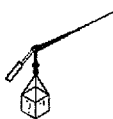
Wind Force :

The machine can be safely used with these capacity charts in winds of up to 14m/s (50 kph), with surface loading of 1.2t/m².

2

DEDUCTIONS FROM RATED LOADS (according to installation of hook block or extension)

HOOK BLOCKS and HOOKS			
Lifting capacities	Pulleys	Parts of lines	Weight
40 t	4	9	385 Kg
32 t	3	7	340 Kg
25 t	3	7	330 Kg
22.5 t	2	5	215 Kg
15 t	1	3	170 Kg
5 t	0	1	90 Kg



While lifting on main boom with extension rigged, deduct from main boom load chart the following :
750 Kg with extension 8 m.

With extension in the transport position, there is no reduction in load capacity.

With extension in the transport position, the LMI must be configured with the following code:

Lifting on main boom:

Code: A - no jib stored on the boom.

Code: B - 8 m jib stored on the boom base.

Code: C - 8 m jib stored on the boom point..



3

WINCH, PULLEYS AND ROPES

WINCH		
MAXIMUM PERMISSIBLE LINE PULL IN METRIC TON		
	AUXILIARY WINCH	MAIN WINCH
Last layer	4,5 t	4,5 t

3-1 : Rooster sheave with main winch: use the load chart for the main boom and do not exceed the maximum line pull for the range of the winch being used (see at side).

3-2 : With Rooster sheave or Extension with 2 simultaneous winches : Imperatively refer to the operating manual.

3-3 : With a turnaround pulley with 2 winches at the same time: Always refer to the operating manual.

4

UNLOADED CRANE MANOEUVRES

⚠ DANGER

- Getting into the crane is forbidden before the machine has been raised on outriggers.
- When in a horizontal position always respect maximum lengths indicated in the corresponding capacity chart according to Telescoping Mode and Rigging configuration.
- Minimum and maximum derricking angles : always respect all indicated minimum and maximum derricking angles given in the corresponding capacity chart.

5

REACTIONS AUX APPUIS

Our After-sales Service has an Excel program wich simulates any load and wich can therefore calculate the reactions under the outriggers.

To determine resistance of the ground in most cases, you can refer to the operator's manual, in other cases, you must absolutely determine yourself.

⚠ CAUTION

Refer to the lifting capacity charts to know the possible maximum load for each radius.



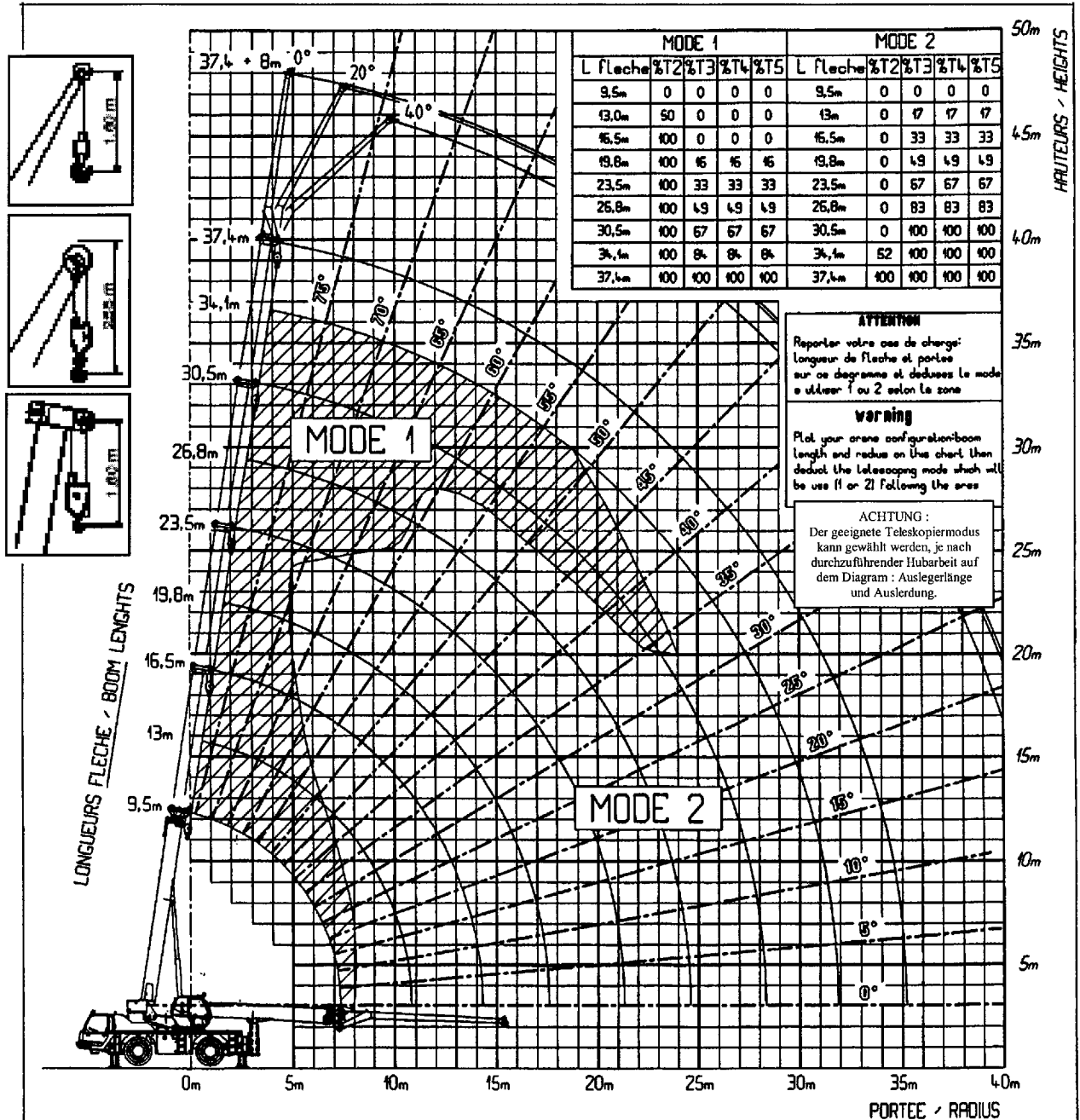
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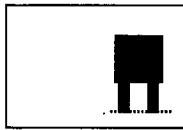
40 METRIC TONS

LOAD ZONE CHART

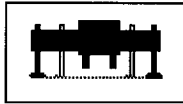




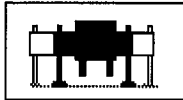
SYMBOLISATION



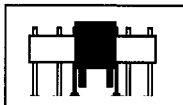
Free on wheels.



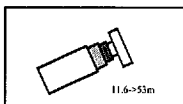
Outriggers fully extended.



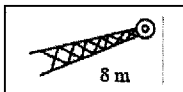
Outriggers half extended.



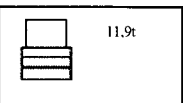
Outriggers fully retracted



Telescopic boom from 11.6m to 53m.



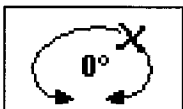
Extension 8m.



Counterweight 11,9t.



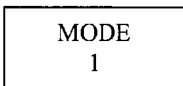
Over 360° slewing



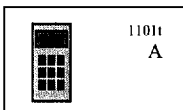
Over rear. Slewing locked.



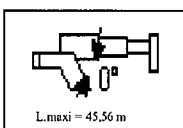
Minimum admitting reeving.



Telescoping mode 1.



Configuration L.M.I. code 1101 – extension storage code A.



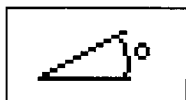
Maximum boom length at 0°.



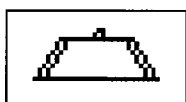
SYMBOLISATION



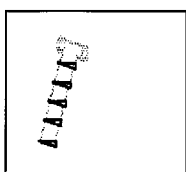
Area not to be used with or without loads.



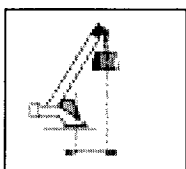
Boom angle under load in degrees.



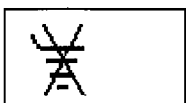
Authorized load in metric tons (Including hook block and slings).



Boom section telescoping % .



Range in metres.



Locked suspension.



USING THE HYDRAULIC EXTENSION

CAPACITIES:

The extension load charts in this booklet are valid for manually and hydraulically offset extensions.

The offset of the extension can be changed hydraulically when under the loads shown in the charts.

ANY OFFSET ANGLE:

The hydraulic extension can be operated outside the 0°, 20° and 40° angles given in the load charts. If the hydraulic extension is used in such a situation, the permitted load must be interpolated between the charges given in the charts for the next lower angle and the next higher angle, for the selected boom length at the same radius as the one currently being used.

The LMI will automatically determine the permitted load based on this information.

For example: If the extension is offset at an angle of 27° for a current radius "P" and a boom length "L", interpolate between the load given for boom length "L" and radius "P" at 20° (next lower angle) and the load given for "L" and "P" at 40° (next higher angle).

ANY BOOM LENGTH:

The hydraulic extension can be operated with boom lengths not given in the charts. In this case, the recommendations that should be followed are those given in the chapters of this booklet that deal with the counterweight charts in the section entitled "Determining the load for undefined lengths according to the extension and the outrigger angle".

The LMI will automatically determine the permitted load based on this information.

USING THE HYDRAULIC EXTENSION:

Users must refer to the operating manual for information on how best to deploy the hydraulic extension.



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40 METRIC TONS

Choice of the correct capacity chart :

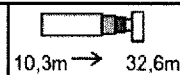
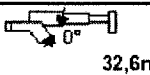
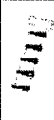
Refer to the chart corresponding to the working conditions required, (mark on the following example.)

Pay particular attention to make sure that the counterweight(s) fitted on the machine is (are) compatible with the capacity chart in question (refer to indications given on capacity chart).

Select the counterweight configuration on the control display.

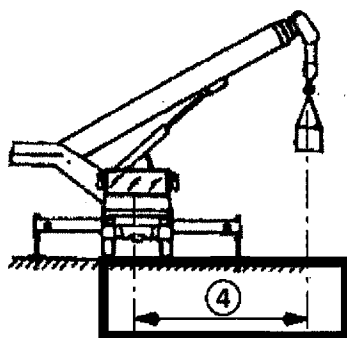
		10t4				10,3m → 32,6m		32,6m		Mode 1		100 AC	
	T2 = 0%		T2 = 47%		T2 = 93%		T2 = 93%		T2 = 93%		T2 = 93%		
	T3 = 0%		T3 = 0%		T3 = 0%		T3 = 23%		T3 = 47%		T3 = 70%		
	T4 = 0%		T4 = 0%		T4 = 0%		T4 = 23%		T4 = 47%		T4 = 70%		
	T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		
	T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		
	10,3 m / (12)*		13,8 m / (10)*		17,2 m / (9)*		20,6 m / (8)*		24,2 m / (7)*		27,6 m / (6)*		
	80,54	51,20	80,54	36,43	80,54	35,08	80,54	36,00	80,54	29,65	80,54	23,50	
3,0	63,20	51,20	70,78	40,20	For information only.								
3,5	59,90	47,25	68,50	41,20	73,73	37,30	76,43	33,10	79,86	29,65			
4,0	56,40	42,75	66,22	41,35	72,00	34,80	75,00	30,55	78,60	27,65			
4,5	52,80	38,50	63,94	38,50	70,27	32,10	73,57	28,50	77,24	25,80	78,85	23,50	
5,0	48,90	36,00	61,46	36,00	68,54	29,95	72,24	26,60	75,98	24,05	77,74	22,00	

**TEREX®****AC40/2L****75%****40 METRIC TONS****Choice of the correct capacity chart.***BOOM CONFIGURATION* and matching length, with or without the extension.

		 10t4				 10,3m → 32,6m		 32,6m		 *		 Mode 1		 100 AC	
	T2 = 0%		T2 = 47%		T2 = 93%		T2 = 93%		T2 = 93%		T2 = 93%				
	T3 = 0%		T3 = 0%		T3 = 0%		T3 = 23%		T3 = 47%		T3 = 70%				
	T4 = 0%		T4 = 0%		T4 = 0%		T4 = 23%		T4 = 47%		T4 = 70%				
	T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%				
	T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%				
	10,3 m / (12)*		13,8 m / (10)*		17,2 m / (9)*		20,6 m / (8)*		24,2 m / (7)*		27,6 m / (6)*				
															
3,0	63,20	51,20	70,78	40,20	75,00	34,38	77,36	33,30					3,0		
3,5	59,90	47,25	68,50	41,20									3,5		
4,0	56,40	42,75	66,22	41,35	72,00	34,00	75,00	30,55	78,00	27,05			4,0		
4,5	52,80	38,50	63,94	38,50	70,27	32,10	73,57	28,50	77,24	25,80	78,85	23,50	4,5		
5,0	48,90	36,00	61,46	36,00	68,54	29,95	72,24	26,60	75,98	24,05	77,74	22,00	5,0		

LOAD RADIUS:

The radius is the horizontal distance from the slewing axis to the vertical axis given by the center of the boom head pulleys.

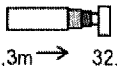
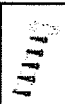


The radius given are loaded radius, which take into account the deflection of the boom. An unloaded radius can be less than indicated on the chart. Take into account that it is necessary to hoist the boom just before lifting a load in order to maintain the same radius.

**TEREX®****AC40/2L****75%****40 METRIC TONS****REEVING:**

According to the boom length used set up hoist reeving as shown on diagram RADIUS / HEIGHT UNDER HOOK..

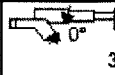
- Too much reeving in regards to boom length will not allow the hook to reach the ground.
- Too little reeving may inhibit lifting a given load because of maximum line load capacity.

	 10t4		 10,3m → 32,6m	 32,6m		Mode 1	 100 AC
	T2 = 0% T3 = 0% T4 = 0% T5 = 0% T6 = 0%	T2 = 47% T3 = 0% T4 = 0% T5 = 0% T6 = 0%	T2 = 93% T3 = 0% T4 = 0% T5 = 0% T6 = 0%	T2 = 93% T3 = 23% T4 = 23% T5 = 0% T6 = 0%	T2 = 93% T3 = 47% T4 = 47% T5 = 0% T6 = 0%	T2 = 93% T3 = 70% T4 = 70% T5 = 0% T6 = 0%	
	10,3 m / (12)* 	13,8 m / (10)* 	17,2 m / (9)* 	20,6 m / (8)* 	24,2 m / (7)* 	27,6 m / (6)* 	
	80,54 51,20	80,54 36,43	80,54 35,08	80,54 36,00	80,54 29,65	80,54 23,50	
3,0	63,20 51,20	70,78 40,28	75,26 37,76	77,76 36,00			3,0
3,5	59,90 47,25	68,50 38,50			65		3,5
4,0	56,40 42,75	66,22 41,35	72,00 34,80	75,00 30,55	78,60 27,65		4,0
4,5	52,80 38,50	63,94 38,50	70,27 32,10	73,57 28,50	77,24 25,80	78,85 23,50	4,5
5,0	48,90 36,00	61,46 36,00	68,54 29,95	72,24 26,60	75,98 24,05	77,74 22,00	5,0

For information only.

BOOM ANGLE under load

This angle is indicated on the LMI unit screen display.

		 10t4				 10,3m → 32,6m		 32,6m		 *		Mode 1		 100 AC	
	T2 = 0%		T2 = 47%		T2 = 93%		T2 = 93%		T2 = 93%		T2 = 93%		T2 = 93%		
	T3 = 0%		T3 = 0%		T3 = 0%		T3 = 23%		T3 = 47%		T3 = 70%				
	T4 = 0%		T4 = 0%		T4 = 0%		T4 = 23%		T4 = 47%		T4 = 70%				
	T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%				
	T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%				
	10,3 m / (12)*		13,8 m / (10)*		17,2 m / (9)*		20,6 m / (8)*		24,2 m / (7)*		27,6 m / (6)*				
															
	80,54	51,20	80,54	36,43	80,54	35,08	80,54	36,00	80,54	29,65	80,54	23,50			
	3,0	63,20	51,20	70,78	40,28	75,26	37,76	77,76	36,00			3,0			
	3,5	59,90	47,25	68,50	41,35									3,5	
4,0	56,40	42,75	66,22	41,35	72,00	34,80	75,00	30,55	78,60	27,65		4,0			
4,5	52,80	38,50	63,94	38,50	70,27	32,10	73,57	28,50	77,24	25,80	78,85	23,50	4,5		
5,0	48,90	36,00	61,46	36,00	68,54	29,95	72,24	26,60	75,98	24,05	77,74	22,00	5,0		

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TEREX®

AC40/2L

75%

40 METRIC TONS

MAXIMUM AUTHORIZED GROSS LOAD:

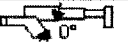
In order to determine the load to be lifted, it is necessary to :

- DEDUCT from the load indicated on the capacity chart, the weight of the hook block used. This weight is shown on the capacity chart, as well as being stamped by the manufacturer on the hook block.

NOTE : Do not use an inadequate hook block on which : sheave diameters, groove widths, hook capacities etc.... are not according to specifications.

- DEDUCT from indicated load hoisting accessories weights such as slings, shackles, etc...

- DEDUCT : from indicated load the weight of extension installed on the boom head even when not used for lifting loads.

		 10t4				 10,3m → 32,6m		 32,6m				Mode 1		 100 AC	
	T2 = 0%	T2 = 47%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%	T2 = 93%			
	T3 = 0%	T3 = 0%	T3 = 0%	T3 = 0%	T3 = 23%	T3 = 47%	T3 = 70%	T3 = 70%	T3 = 70%	T3 = 70%	T3 = 70%				
	T4 = 0%	T4 = 0%	T4 = 0%	T4 = 0%	T4 = 23%	T4 = 47%	T4 = 70%	T4 = 70%	T4 = 70%	T4 = 70%	T4 = 70%				
	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%	T5 = 0%				
	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%	T6 = 0%				
	10,3 m / (12)*	13,8 m / (10)*	17,2 m / (9)*	20,6 m / (8)*	24,2 m / (7)*	27,6 m / (6)*									
															
	80,54	51,20	80,54	36,43	80,54	35,08	80,54	36,00	80,54	29,65	80,54	23,50			
3,0	63,20	51,20	70,78	40,00	75,00	35,08	77,76	36,00	78,60	27,65	78,85	23,50			
3,5	59,90	47,25	68,50	41,35	72,00	34,80	75,00	30,55	78,60	27,65	78,85	23,50			
4,0	56,40	42,75	66,22	41,35	72,00	34,80	75,00	30,55	78,60	27,65	78,85	23,50			
4,5	52,80	38,50	63,94	38,50	70,27	32,10	73,57	28,50	77,24	25,80	78,85	23,50			
5,0	48,90	36,00	61,46	36,00	68,54	29,95	72,24	26,60	75,98	24,05	77,74	22,00			

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AC40/2L

75%

40 METRIC TONS

LMI AND EXTENSION CODES

Enter the LMI code so that the LMI operates using the selected load curve values.

EXTENSION CODE.

When the lattice extension is in the road travel position, the LMI must be configured using the following codes :

Hoisting with main boom (Specimen given as an indication only, to refer chapter 1 Notes) :

Code: A - No extension stowed against the boom

Code: B - 15 m extension stowed against the boom

Code: C - 8 m extension stowed against the boom

Hoisting with 8 m extension (Specimen given as an indication only, to refer chapter 1 Notes):

Code: A - No extension stowed against the boom

Code: D - 8 m extension stowed against the boom

Hoisting with 15 m extension (Specimen given as an indication only, to refer chapter 1 Notes):

No selection required.

	T2 = 0%		T2 = 47%		T2 = 93%		T2 = 93%		T2 = 93%		T2 = 93%			
	T3 = 0%		T3 = 0%		T3 = 0%		T3 = 23%		T3 = 47%		T3 = 70%			
	T4 = 0%		T4 = 0%		T4 = 0%		T4 = 23%		T4 = 47%		T4 = 70%			
	T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%		T5 = 0%			
	T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%		T6 = 0%			
	10,3 m / (12)*		13,8 m / (10)*		17,2 m / (9)*		20,6 m / (8)*		24,2 m / (7)*		27,6 m / (6)*			
	80,54	51,20	80,54	36,43	80,54	35,08	80,54	36,00	80,54	29,65	80,54	23,50		
3,0	63,20	51,20	70,78	40,20	75,36	37,75	77,76	36,00					3,0	
3,5	59,90	47,25	68,50	For information only.							65			3,5
4,0	56,40	42,75	66,22								65			4,0
4,5	52,80	38,50	63,94	38,50	70,27	32,10	73,57	28,50	77,24	25,80	78,85	23,50	4,5	
5,0	48,90	36,00	61,46	36,00	68,54	29,95	72,24	26,60	75,98	24,05	77,74	22,00	5,0	

	T2 = 100% T3 = 100% T4 = 100% T5 = 100% T6 = 0%	T2 = 100% T3 = 100% T4 = 100% T5 = 100% T6 = 0%	T2 = 100% T3 = 100% T4 = 100% T5 = 100% T6 = 0%	T2 = 100% T3 = 100% T4 = 100% T5 = 100% T6 = 0%	T2 = 100% T3 = 100% T4 = 100% T5 = 100% T6 = 0%	T2 = 100% T3 = 100% T4 = 100% T5 = 100% T6 = 0%							
(m)	40 + 8 (2)* 0° **	40 + 8 (2)* 20° **	40 + 8 (1)* 40° **	40 + 15 (1)* 0° **	40 + 15 (1)* 20° **	40 + 15 (1)* 40° **	(m)						
10.0	77.70	5.15			For information only.								10.0
11.0	76.70	5.15											11.0



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75%

40 METRIC TONS

AC40/2L

LIFTING CAPACITY CHART

WEIGHT VERSION 2.5 T

CHAPTER 2





TEREX®

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(Only in version 2x12T)

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40 METRIC TONS

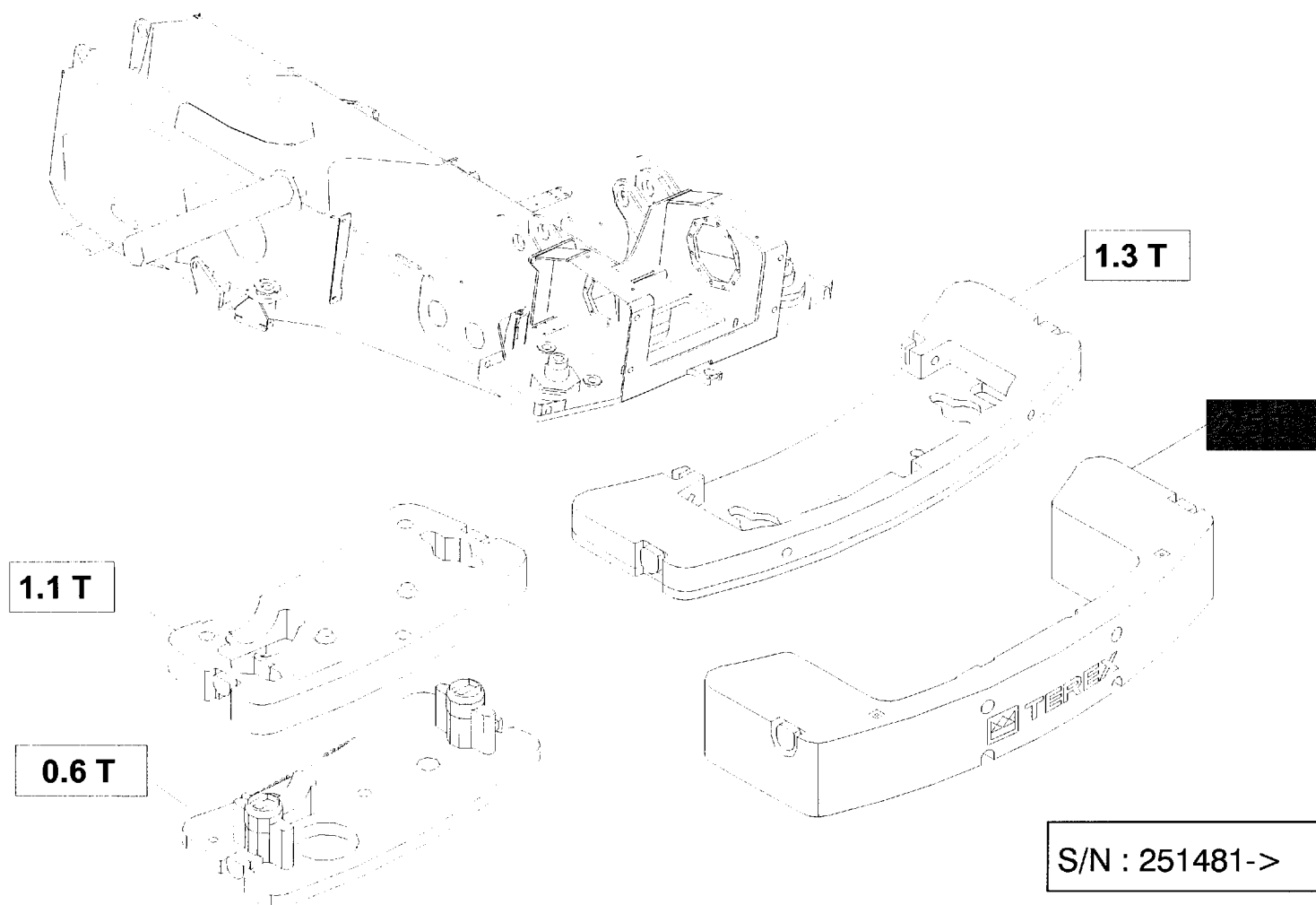
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COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 2.5 T

(For version 2x12 T one winch)

The counterweight identified in **grey** must be fitted on the upper





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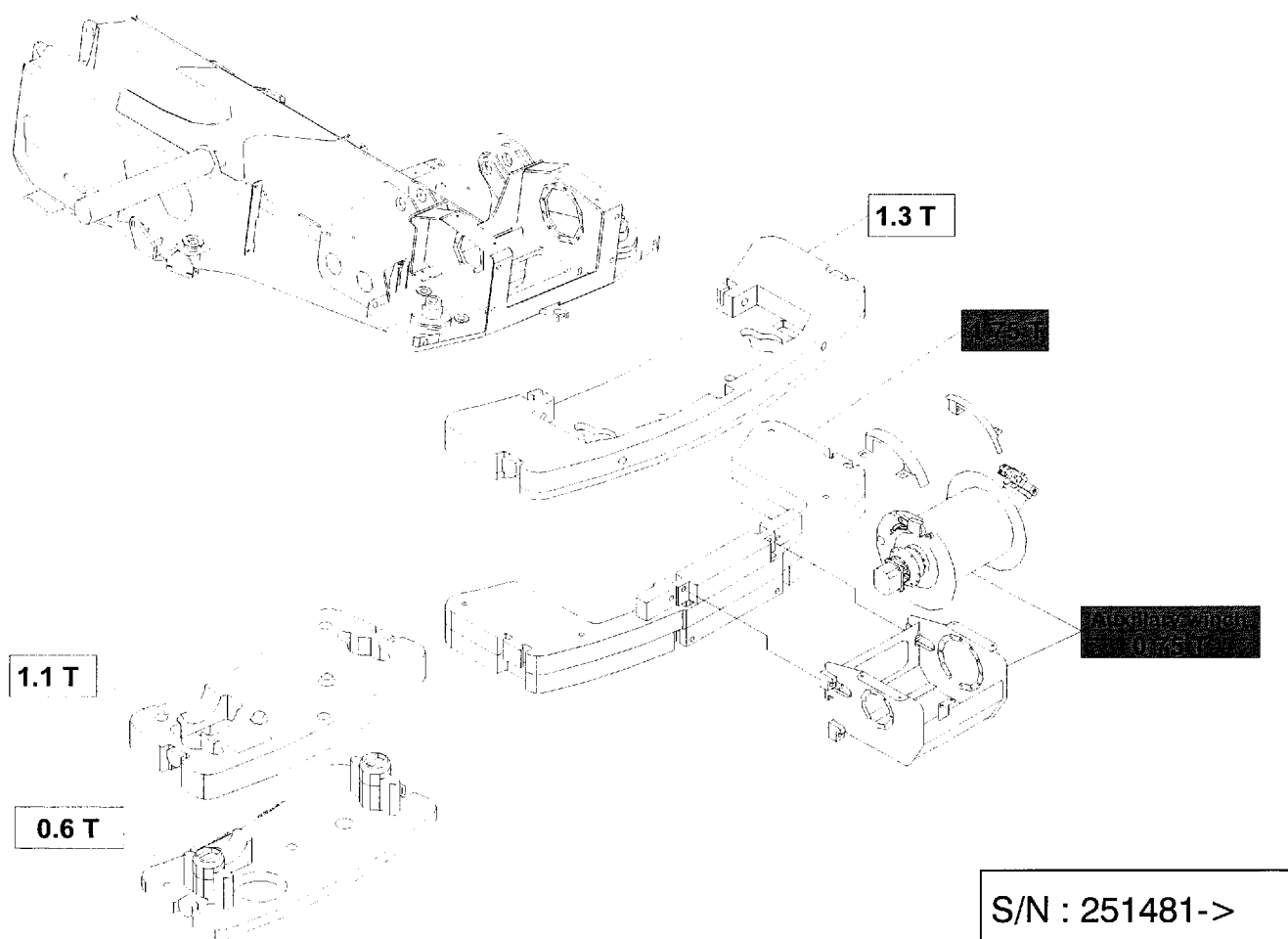
75%

40 METRIC TONS

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 2,5 T

(For version 2x12 T two winch)

The counterweight identified in **grey** must be fitted on the upper





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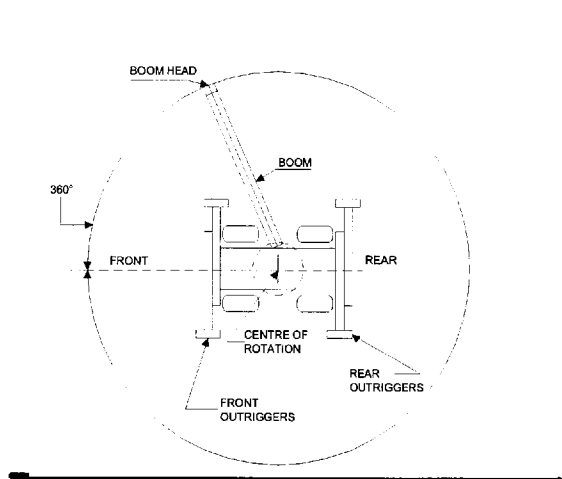
AC40/2L

75%

40 METRIC TONS

OPERATING ZONES ON OUTRIGGERS

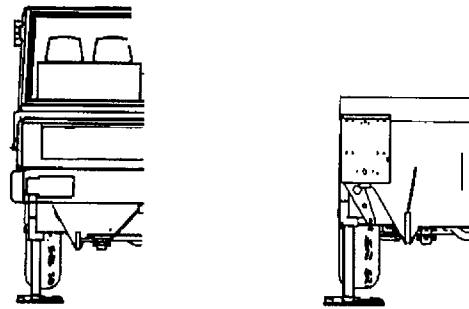
NOTE : These lines determine the positioning limits for all loads subjected to handling operations in the indicated working zones.



DIFFERENT OUTRIGGER CONFIGURATIONS FULLY RETRACTED BEAMS

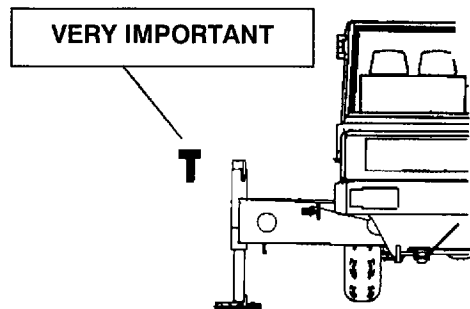
Front beams

Rear beams



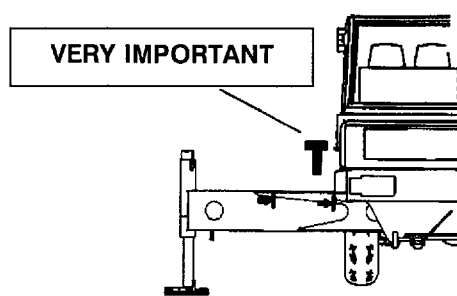
INTERMEDIATE EXTENSION

Front beams



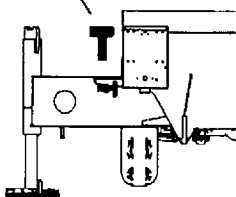
FULL EXTENSION

Front beams



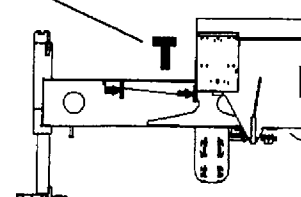
VERY IMPORTANT

Rear beams



VERY IMPORTANT

Rear beams



VERY IMPORTANT

The intermediate and fully extended outrigger positions are only correct if the outrigger beams are locked with their locking pins. The rear outriggers can only be correctly positioned by the beam EXTENSION function and NOT BY THE BEAM RETRACTION FUNCTION.

Example : To change from the fully extended position to the intermediate position the outrigger beams must firstly be fully retracted.

DO NOT FORGET TO REMOVE the locking pins before extending or retracting the outrigger beams.

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	2.5t	360°	9,5m → 37,4m	Lmaxi (m): 26,8	mode 1	300 ABC

	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 50% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 16% t4= 16% t5= 16%		t2= 100% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 100% t3= 49,4% t4= 49,4% t5= 49,4%		
	9,5 m / (8)*		13,0 m / (8)*		16,5 m / (7)*		19,8 m / (5)*		23,5 m / (5)*		26,8 m / (4)*		
													
	79,8	32,00	79,8	31,2	79,8	25,95	79,8	17,80	79,8	18,10	79,8	14,45	
3,0	61,0	32,00	69,5	31,20	74,9	25,95	77,5	18,20					3,0
3,5	57,8	27,45	67,0	27,45	73,0	23,70	76,0	18,35	78,0	18,40			3,5
4,0	54,0	24,40	64,4	24,20	71,4	22,00	74,3	18,60	77,0	17,55			4,0
4,5	49,9	21,80	61,9	21,45	69,5	19,05	72,8	17,95	75,7	16,25	79,0	14,45	4,5
5,0	45,5	19,50	59,0	18,15	67,6	16,20	71,3	15,55	74,4	14,80	78,1	13,85	5,0
6,0	35,5	14,90	53,8	13,65	63,6	12,30	68,2	12,00	71,8	11,60	75,8	11,20	6,0
7,0	21,0	11,15	48,1	10,65	59,5	9,75	64,9	9,65	69,1	9,40	73,5	9,15	7,0
8,0			41,7	8,35	55,3	7,95	61,6	7,95	66,5	7,80	71,2	7,70	8,0
9,0			34,0	6,70	51,0	6,45	58,0	6,65	64,0	6,60	69,0	6,55	9,0
10,0			23,6	5,50	46,0	5,30	54,4	5,60	60,9	5,70	66,8	5,65	10,0
11,0					40,6	4,40	50,6	4,70	58,0	4,90	64,3	4,90	11,0
12,0					34,3	3,70	46,6	4,00	55,0	4,20	61,9	4,30	12,0
13,0					26,5	3,10	42,3	3,40	51,9	3,60	59,3	3,80	13,0
14,0					17,0	2,65	37,6	2,90	48,6	3,15	56,7	3,30	14,0
15,0							32,0	2,50	45,0	2,70	54,0	2,85	15,0
16,0							25,6	2,15	41,5	2,35	50,8	2,50	16,0
17,0							16,7	1,85	37,5	2,05	47,9	2,20	17,0
18,0									33,0	1,80	44,7	1,95	18,0
19,0									27,8	1,60	41,4	1,70	19,0
20,0									21,4	1,35	37,7	1,50	20,0
21,0									12,0	1,20	33,9	1,30	21,0
22,0											29,0	1,15	22,0
23,0											23,9	1,00	23,0
24,0											17,0	0,85	24,0
25,0													25,0
26,0													26,0
mini	0,0	7,65	0,0	4,45	0,0	2,20	0,0	1,30	0,0	0,75	0,0	0,60	mini



TEREX®

AC40/2L

75%

40 METRIC TONS

	2,5t		9,5m → 37,4m	Lmaxi (m): 26,8		mode 1	300 ABC
--	------	--	--------------	-----------------	--	-----------	------------

	t2= 100% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (3)*		34,1 m / (3)*		37,4 m / (2)*		
	79,8	10,00	79,8	7,45	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	10,00					6,0
7,0	74,0	8,90	78,3	7,45			7,0
8,0	72,0	7,50	77,0	7,30	78,4	5,55	8,0
9,0	69,8	6,45	75,2	6,30	77,0	5,35	9,0
10,0	67,5	5,55	73,4	5,50	75,5	5,00	10,0
11,0	65,2	4,85	71,4	4,80	73,8	4,65	11,0
12,0	62,9	4,30	69,4	4,25	72,3	4,20	12,0
13,0	60,5	3,80	67,5	3,80	70,8	3,75	13,0
14,0	58,2	3,40	65,5	3,35	69,3	3,35	14,0
15,0	55,7	2,90	63,1	2,90	68,0	2,90	15,0
16,0	53,0	2,65	61,0	2,70	66,0	2,70	16,0
17,0	50,5	2,20	58,7	2,20	63,9	2,20	17,0
18,0	48,3	2,00	56,6	2,00	61,8	2,00	18,0
19,0	45,7	1,80	54,5	1,80	59,7	1,80	19,0
20,0	43,1	1,60	52,3	1,70	57,6	1,70	20,0
21,0	40,3	1,40	50,0	1,40	55,3	1,40	21,0
22,0	37,3	1,25	47,7	1,30	53,1	1,30	22,0
23,0	34,1	1,10	45,3	1,10	50,8	1,10	23,0
24,0	30,6	0,95	42,7	1,00	48,4	1,00	24,0
25,0	26,8	0,85	40,0	0,90	46,0	0,90	25,0
26,0	22,3	0,70	37,2	0,80	43,4	0,80	26,0
27,0	17,0	0,60	34,1	0,70	40,7	0,75	27,0
28,0			30,5	0,60	37,9	0,65	28,0
mini	14,0		27,0		35,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	2,5t		9,5m → 37,4m	Lmaxi (m): 30,5		mode 2	300 ABC
--	-------------	--	--------------	------------------------	--	------------------	--------------------

	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 0% t3= 16,7% t4= 16,7% t5= 16,7%		t2= 0% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 0% t3= 49,3% t4= 49,3% t5= 49,3%		t2= 0% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 0% t3= 82,6% t4= 82,6% t5= 82,6%		
	9,5 m / (8)*		13,0 m / (6)*		16,5 m / (5)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	32,00	79,8	17,4	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	32,00	67,5	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	27,45	65,0	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	24,40	62,5	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	21,80	59,5	20,75	67,5	19,65	73,0	16,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	19,50	56,5	19,45	65,4	18,20	71,5	15,45	74,6	11,45	77,5	9,60	5,0
6,0	35,5	14,90	51,0	14,80	61,7	14,05	68,5	13,40	72,0	10,45	75,0	8,80	6,0
7,0	21,0	11,15	44,7	11,65	57,3	11,35	65,5	10,95	69,5	9,55	72,5	8,10	7,0
8,0			38,0	9,20	53,0	9,45	62,0	9,15	65,9	8,75	70,0	7,45	8,0
9,0			30,0	7,50	49,0	7,75	58,3	7,80	62,9	7,60	67,5	6,90	9,0
10,0			19,5	6,30	44,5	6,50	54,5	6,50	59,7	6,50	64,7	6,40	10,0
11,0					39,0	5,40	50,5	5,40	56,5	5,40	62,4	5,40	11,0
12,0					32,5	4,80	46,3	4,80	53,0	4,80	59,6	4,80	12,0
13,0					25,2	4,00	41,0	4,00	49,5	4,00	57,0	4,00	13,0
14,0					14,0	3,40	36,0	3,40	46,0	3,40	54,0	3,40	14,0
15,0							30,2	2,90	42,5	2,90	51,3	2,90	15,0
16,0							23,5	2,70	37,5	2,70	48,3	2,70	16,0
17,0							14,0	2,20	33,0	2,20	45,5	2,20	17,0
18,0									28,0	2,00	42,5	2,00	18,0
19,0									22,5	1,80	39,0	1,80	19,0
20,0									16,0	1,70	35,0	1,70	20,0
21,0									9,0	1,40	30,8	1,40	21,0
22,0											25,5	1,30	22,0
23,0											19,0	1,10	23,0
24,0											11,5	1,00	24,0
25,0													25,0
mini	0,0	7,65	0,0	5,18	0,0	3,00	0,0	1,70	0,0	1,10	0,0	0,70	mini



TEREX®

AC40/2L

75%

40 METRIC TONS

	2,5t		9,5m → 37,4m	Lmaxi (m): 30,5		mode 2		300 ABC
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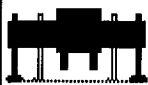
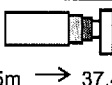
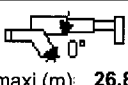
	t2= 0% t3= 100% t4= 100% t5= 100%		t2= 52% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (2)*		34,1 m / (2)*		37,4 m / (2)*		
	79,8	6,40	79,8	6,00	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	78,0	6,40					6,0
7,0	76,0	5,80	76,9	6,00			7,0
8,0	74,0	5,35	75,4	5,60	78,6	5,55	8,0
9,0	72,0	4,85	73,8	5,20	77,2	5,35	9,0
10,0	69,7	4,45	72,0	4,80	75,8	5,00	10,0
11,0	67,6	4,05	70,5	4,50	74,0	4,65	11,0
12,0	65,5	3,75	68,7	4,15	72,3	4,20	12,0
13,0	63,3	3,45	66,8	3,85	70,6	3,75	13,0
14,0	61,2	3,15	64,9	3,40	68,9	3,35	14,0
15,0	58,9	2,90	62,9	2,90	66,9	2,90	15,0
16,0	56,5	2,70	61,0	2,70	65,0	2,70	16,0
17,0	54,0	2,20	58,9	2,20	63,0	2,20	17,0
18,0	51,4	2,00	56,8	2,00	61,0	2,00	18,0
19,0	48,5	1,80	55,0	1,80	59,0	1,80	19,0
20,0	45,9	1,70	52,4	1,70	57,0	1,70	20,0
21,0	42,8	1,40	49,9	1,40	54,7	1,40	21,0
22,0	39,8	1,30	47,3	1,30	52,6	1,30	22,0
23,0	36,3	1,10	44,8	1,10	50,3	1,10	23,0
24,0	32,7	1,00	42,0	1,00	48,0	1,00	24,0
25,0	28,6	0,90	39,2	0,90	45,5	0,90	25,0
26,0	24,0	0,80	36,1	0,80	43,1	0,80	26,0
27,0	18,5	0,75	32,8	0,75	40,4	0,75	27,0
28,0	11,0	0,70	29,0	0,70	37,9	0,65	28,0
29,0			25,1	0,65			29,0
30,0							30,0
mini	0,0	0,60	22,0		35,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	2.5t	0°	9,5m → 37,4m	Lmaxi (m): 26,8	mode 1	311 ABC

	t2= 0% t3= 0% t4= 0% t5= 0%	t2= 50% t3= 0% t4= 0% t5= 0%	t2= 100% t3= 0% t4= 0% t5= 0%	t2= 100% t3= 16% t4= 16% t5= 16%	t2= 100% t3= 33,4% t4= 33,4% t5= 33,4%	t2= 100% t3= 49,4% t4= 49,4% t5= 49,4%	
	9,5 m / (9)*	13,0 m / (8)*	16,5 m / (7)*	19,8 m / (5)*	23,5 m / (5)*	26,8 m / (4)*	
3,0	61,0	69,5	74,9	77,5			3,0
3,5	57,8	67,0	73,0	76,0	78,0		3,5
4,0	54,0	64,4	71,4	74,3	77,0		4,0
4,5	49,9	61,9	69,5	72,8	75,7	79,0	4,5
5,0	45,5	59,0	67,6	71,3	74,4	78,1	5,0
6,0	35,5	53,8	63,6	68,2	71,8	75,8	6,0
7,0	21,0	48,1	59,5	64,9	69,1	73,5	7,0
8,0		41,7	55,3	61,6	66,5	71,2	8,0
9,0		34,0	51,0	58,0	64,0	69,0	9,0
10,0		23,6	46,0	54,4	60,9	66,8	10,0
11,0			40,6	50,6	58,0	64,3	11,0
12,0			34,3	46,6	55,0	61,9	12,0
13,0			26,5	42,3	51,9	59,3	13,0
14,0			17,0	37,6	48,6	56,7	14,0
15,0				32,0	45,0	54,0	15,0
16,0				25,6	41,5	50,8	16,0
17,0				16,7	37,5	47,9	17,0
18,0					33,0	44,7	18,0
19,0					27,8	41,4	19,0
20,0					21,4	37,7	20,0
21,0					12,0	33,9	21,0
22,0						29,0	22,0
23,0						23,9	23,0
24,0						17,0	24,0
25,0							25,0
26,0							26,0
mini	0,0	0,0	0,0	0,0	0,0	0,0	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 2,5t	 0°	 9,5m → 37,4m	 Lmaxi (m) 26,8		mode 1	 311 ABC
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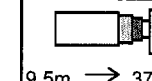
	t2= 100% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (3)*		34,1 m / (3)*		37,4 m / (2)*		
							
79,8	10,00	79,8	7,45	79,8	5,55		
3,0						3,0	
3,5						3,5	
4,0						4,0	
4,5						4,5	
5,0						5,0	
6,0	75,8	10,00				6,0	
7,0	74,0	8,90	78,3	7,45		7,0	
8,0	72,0	7,50	77,0	7,30	78,4	8,0	
9,0	69,8	6,45	75,2	6,30	77,0	9,0	
10,0	67,5	5,55	73,4	5,50	75,5	10,0	
11,0	65,2	4,85	71,4	4,80	73,8	11,0	
12,0	62,9	4,30	69,4	4,25	72,3	12,0	
13,0	60,5	3,80	67,5	3,80	70,8	13,0	
14,0	58,2	3,40	65,5	3,35	69,3	14,0	
15,0	55,7	2,90	63,1	2,90	68,0	15,0	
16,0	53,0	2,65	61,0	2,70	66,0	16,0	
17,0	50,5	2,20	58,7	2,20	63,9	17,0	
18,0	48,3	2,00	56,6	2,00	61,8	18,0	
19,0	45,7	1,80	54,5	1,80	59,7	19,0	
20,0	43,1	1,60	52,3	1,70	57,6	20,0	
21,0	40,3	1,40	50,0	1,40	55,3	21,0	
22,0	37,3	1,25	47,7	1,30	53,1	22,0	
23,0	34,1	1,10	45,3	1,10	50,8	23,0	
24,0	30,6	0,95	42,7	1,00	48,4	24,0	
25,0	26,8	0,85	40,0	0,90	46,0	25,0	
26,0	22,3	0,70	37,2	0,80	43,4	26,0	
27,0	17,0	0,60	34,1	0,70	40,7	27,0	
28,0			30,5	0,6	37,9	28,0	
mini	14,0		27,0		35,0	mini	

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	2,5t	360°	9,5m → 37,4m	Lmaxi (m): 19,8		mode 1		301 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 50% T3 = 0% T4 = 0% T5 = 0%		T2 = 100% T3 = 0% T4 = 0% T5 = 0%		T2 = 100% T3 = 16% T4 = 16% T5 = 16%		T2 = 100% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 100% T3 = 49,4% T4 = 49,4% T5 = 49,4%		
	9,5 m / (7)*		13,0 m / (8)*		16,5 m / (6)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	28,90	79,8	28,90	79,8	25,95	79,8	17,80	79,8	18,10	79,8	13,00	
3,0	61,0	28,90	69,50	28,90	74,9	25,95	77,5	18,20					3,0
3,5	57,8	25,65	67,00	24,95	73,0	21,40	76,0	18,35	78,0	18,25			3,5
4,0	54,0	22,95	64,40	19,80	71,4	17,30	74,3	16,30	77,0	15,25			4,0
4,5	49,9	19,15	61,85	16,30	69,5	14,35	72,8	13,75	75,7	13,00	79,0	12,40	4,5
5,0	45,5	16,05	59,00	13,75	67,6	12,20	71,3	11,80	74,4	11,30	78,1	10,85	5,0
6,0	35,5	11,45	53,75	10,30	63,6	9,20	68,2	9,05	71,8	8,80	75,8	8,55	6,0
7,0	21,0	8,55	48,10	8,05	59,5	7,20	64,9	7,20	69,1	7,10	73,5	6,95	7,0
8,0			41,65	6,25	55,3	5,80	61,6	5,85	66,5	5,85	71,2	5,75	8,0
9,0			34,00	4,95	51,0	4,70	58,0	4,85	64,0	4,85	69,0	4,85	9,0
10,0			23,60	4,00	46,0	3,80	54,4	4,05	60,9	4,10	66,8	4,15	10,0
11,0					40,6	3,05	50,6	3,40	58,0	3,50	64,3	3,55	11,0
12,0					34,3	2,50	46,6	2,80	55,0	3,00	61,9	3,05	12,0
13,0					26,5	2,05	42,3	2,35	51,9	2,55	59,3	2,65	13,0
14,0					17,0	1,65	37,6	1,95	48,6	2,15	56,7	2,30	14,0
15,0							32,0	1,60	45,0	1,85	54,0	2,00	15,0
16,0							25,6	1,35	41,5	1,55	50,8	1,70	16,0
17,0							16,7	1,10	37,5	1,30	47,9	1,45	17,0
18,0									33,0	1,10	44,7	1,25	18,0
19,0									27,8	0,90	41,4	1,05	19,0
20,0									21,4	0,75	37,7	0,85	20,0
21,0									12,0	0,60	33,9	0,70	21,0
22,0											29,0	0,60	22,0
23,0													23,0
24,0													24,0
mini	0,0	7,65	0,0	3,05	0,0	1,15	0,0	0,60	10,0		26,0		mini

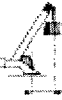
40 METRIC TONS

	 2,5t	 360°	 9,5m → 37,4m	 Lmaxi (m) 19,8		mode 1	 301 ABC
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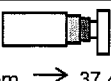
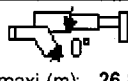
	T2 = 100% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 100% T3 = 84% T4 = 84% T5 = 84%		T2 = 100% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (3)*		34,1 m / (2)*		37,4 m / (2)*		
							
	79,8	8,60	79,8	6,80	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	8,25					6,0
7,0	74,0	6,75	78,30	6,55			7,0
8,0	72,0	5,65	77,00	5,55	78,4	5,40	8,0
9,0	69,8	4,80	75,15	4,70	77,0	4,65	9,0
10,0	67,5	4,10	73,35	4,05	75,5	4,00	10,0
11,0	65,2	3,55	71,4	3,50	73,8	3,50	11,0
12,0	62,9	3,10	69,4	3,05	72,3	3,05	12,0
13,0	60,5	2,70	67,5	2,70	70,8	2,70	13,0
14,0	58,2	2,35	65,5	2,35	69,3	2,35	14,0
15,0	55,7	2,05	63,1	2,10	68,0	2,10	15,0
16,0	53,0	1,80	61,0	1,85	66,0	1,85	16,0
17,0	50,5	1,55	58,7	1,60	63,9	1,65	17,0
18,0	48,3	1,35	56,6	1,40	61,8	1,45	18,0
19,0	45,7	1,15	54,5	1,25	59,7	1,25	19,0
20,0	43,1	1,00	52,3	1,05	57,6	1,10	20,0
21,0	40,3	0,85	50,0	0,90	55,3	0,95	21,0
22,0	37,3	0,70	47,7	0,80	53,1	0,85	22,0
23,0			45,3	0,65	50,8	0,70	23,0
24,0					48,4	0,60	24,0
mini	35,0		43,0		45,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	2,5t		9,5m → 37,4m	Lmaxi (m) 26,8		mode 2		301 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 0% T3 = 49,3% T4 = 49,3% T5 = 49,3%		T2 = 0% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 0% T3 = 82,6% T4 = 82,6% T5 = 82,6%		
	9,5 m / (7)*		13,0 m / (8)*		16,5 m / (6)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	28,90	79,8	17,40	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	28,90	67,50	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	25,65	65,00	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	22,95	62,50	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	19,15	59,50	17,65	67,5	16,45	73,0	15,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	16,05	56,50	15,00	65,4	14,10	71,5	13,35	74,6	11,45	77,5	9,60	5,0
6,0	35,5	11,45	51,00	11,40	61,7	10,90	68,5	10,45	72,0	9,95	75,0	8,80	6,0
7,0	21,0	8,55	44,70	9,00	57,3	8,75	65,5	8,45	69,5	8,15	72,5	7,85	7,0
8,0			38,00	7,10	53,0	7,25	62,0	7,05	65,9	6,85	70,0	6,65	8,0
9,0			30,00	5,75	49,0	5,95	58,3	6,00	62,9	5,85	67,5	5,70	9,0
10,0			19,50	4,75	44,5	4,95	54,5	5,10	59,7	5,05	64,7	4,95	10,0
11,0					39,0	4,20	50,5	4,35	56,5	4,40	62,4	4,30	11,0
12,0					32,5	3,60	46,3	3,70	53,0	3,80	59,6	3,80	12,0
13,0					25,2	3,10	41,0	3,25	49,5	3,30	57,0	3,40	13,0
14,0					14,0	2,70	36,0	2,80	46,0	2,90	54,0	2,95	14,0
15,0							30,2	2,45	42,5	2,55	51,3	2,60	15,0
16,0							23,5	2,20	37,5	2,25	48,3	2,30	16,0
17,0							14,0	1,90	33,0	2,00	45,5	2,05	17,0
18,0									28,0	1,80	42,5	1,85	18,0
19,0									22,5	1,60	39,0	1,65	19,0
20,0									16,0	1,40	35,0	1,45	20,0
21,0									9,0	1,25	30,8	1,30	21,0
22,0											25,5	1,15	22,0
23,0											19,0	1,05	23,0
24,0											11,5	0,90	24,0
mini	0,0	7,65	0,0	3,85	0,0	2,35	0,0	1,55	0,0	0,95	0,0	0,55	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 2,5t	 360°	 9,5m → 37,4m	 Lmaxi (m): 26,8		mode 2	 301 ABC
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	T2 = 0% T3 = 100% T4 = 100% T5 = 100%		T2 = 52% T3 = 100% T4 = 100% T5 = 100%		T2 = 100% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (3)*		34,1 m / (2)*		37,4 m / (2)*		
							
	79,8	6,40	79,8	6,00	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	78,0	6,40					6,0
7,0	76,0	5,80	76,9	6,00			7,0
8,0	74,0	5,35	75,4	5,60	78,6	5,40	8,0
9,0	72,0	4,85	73,8	5,00	77,2	4,65	9,0
10,0	69,7	4,45	72,0	4,35	75,8	4,00	10,0
11,0	67,6	4,05	70,5	3,80	74,0	3,50	11,0
12,0	65,5	3,75	68,7	3,35	72,3	3,05	12,0
13,0	63,3	3,35	66,8	2,95	70,6	2,70	13,0
14,0	61,2	3,00	64,9	2,65	68,9	2,35	14,0
15,0	58,9	2,65	62,9	2,35	66,9	2,10	15,0
16,0	56,5	2,35	61,0	2,10	65,0	1,85	16,0
17,0	54,0	2,10	58,9	1,85	63,0	1,65	17,0
18,0	51,4	1,90	56,8	1,65	61,0	1,45	18,0
19,0	48,5	1,70	55,0	1,45	59,0	1,25	19,0
20,0	45,9	1,50	52,4	1,30	57,0	1,10	20,0
21,0	42,8	1,35	49,9	1,15	54,7	0,95	21,0
22,0	39,8	1,20	47,3	1,00	52,6	0,85	22,0
23,0	36,3	1,10	44,8	0,90	50,3	0,70	23,0
24,0	32,7	0,95	42,0	0,75	48,0	0,60	24,0
25,0	28,6	0,85	39,2	0,65			25,0
26,0	24,0	0,75					26,0
27,0	18,5	0,70					27,0
28,0	11,0	0,60					28,0
mini	9,0		37,0		46,0		mini



TEREX®

AC40/2L

75%

40 METRIC TONS

	2,5t		9,5m → 30,4m	Lmaxi (m) 13		mode 2		302 ABC
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	T2 = 0%		T2 = 0%		T2 = 0%		T2 = 0%		T2 = 0%		T2 = 0%		
	T3 = 0%		T3 = 16,7%		T3 = 33,4%		T3 = 49,3%		T3 = 66,7%		T3 = 82,6%		
	T4 = 0%		T4 = 16,7%		T4 = 33,4%		T4 = 49,3%		T4 = 66,7%		T4 = 82,6%		
	T5 = 0%		T5 = 16,7%		T5 = 33,4%		T5 = 49,3%		T5 = 66,7%		T5 = 82,6%		
	9,5 m / (3)*		13,0 m / (3)*		16,5 m / (3)*		19,8 m / (3)*		23,5 m / (2)*		26,8 m / (2)*		
													
	79,8	10,35	79,8	9,80	79,8	9,15	79,8	8,60	79,8	6,85	79,8	4,95	
3,0	61,0	9,95	67,5	9,35	73,0	8,75	77,0	8,20					3,0
3,5	57,8	8,10	65,0	7,75	71,0	7,35	75,9	7,00	78,9	6,55			3,5
4,0	54,0	6,75	62,5	6,55	69,3	6,30	74,3	6,00	77,0	5,70			4,0
4,5	49,9	5,70	59,5	5,65	67,5	5,45	73,0	5,25	75,9	5,00	78,5	4,80	4,5
5,0	45,5	4,90	56,5	4,90	65,4	4,75	71,5	4,60	74,6	4,45	77,5	4,25	5,0
6,0	35,5	3,60	51,0	3,75	61,7	3,70	68,5	3,65	72,0	3,55	75,0	3,40	6,0
7,0	21,0	2,65	44,7	2,95	57,3	2,95	65,5	2,95	69,5	2,85	72,5	2,80	7,0
8,0			38,0	2,35	53,0	2,40	62,0	2,40	65,9	2,35	70,0	2,30	8,0
9,0			30,0	1,80	49,0	1,95	58,3	1,95	62,9	1,95	67,5	1,90	9,0
10,0			19,5	1,40	44,5	1,60	54,5	1,60	59,7	1,60	64,7	1,60	10,0
11,0					39,0	1,25	50,5	1,35	56,5	1,35	62,4	1,35	11,0
12,0					32,5	1,00	46,3	1,10	53,0	1,10	59,6	1,10	12,0
13,0					25,2	0,80	41,0	0,90	49,5	0,90	57,0	0,90	13,0
14,0					14,0	0,60	36,0	0,70	46,0	0,75	54,0	0,75	14,0
15,0									42,5	0,60	51,3	0,60	15,0
mini	0,0	2,20	0,0	0,70	12,0		33,0		40,0		49,0		mini

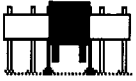
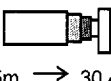
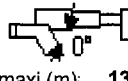


TEREX®

AC40/2L

75%

40 METRIC TONS

	 2,5t	 360°	 9,5m → 30,4m	 Lmaxi (m): 13	 *	mode 2	 302 ABC
---	--	--	--	---	---	-----------	--

	T2 = 0% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (2)* 		
	79,8	3,35	
3,0			3,0
3,5			3,5
4,0			4,0
4,5			4,5
5,0			5,0
6,0	78,0	3,30	6,0
7,0	76,0	2,70	7,0
8,0	74,0	2,25	8,0
9,0	72,0	1,85	9,0
10,0	69,7	1,55	10,0
11,0	67,6	1,30	11,0
12,0	65,5	1,10	12,0
13,0	63,3	0,90	13,0
14,0	61,2	0,75	14,0
15,0	58,9	0,60	15,0
mini	56,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	2.5t	360°	9,5-37,4	Lmaxi (m):	22	8 m	*	**

	t2= 100% t3= 84% t4= 84% t5= 84%	t2= 100% t3= 84% t4= 84% t5= 84%	t2= 100% t3= 84% t4= 84% t5= 84%	t2= 100% t3= 100% t4= 100% t5= 100%	t2= 100% t3= 100% t4= 100% t5= 100%	t2= 100% t3= 100% t4= 100% t5= 100%							
(m)	34,1 + 8	34,1 + 8	34,1 + 8	37,5+ 8	37,5+ 8	37,5+ 8	(m)						
	(1)* 0° **  303	(1)* 20° **  304	(1)* 40° **  305	(1)* 0° **  303	(1)* 20° **  304	(1)* 40° **  305							
													
79,8	3,20	79,8	1,90	79,8	1,40	79,8	2,80	79,8	1,80	79,8	1,35		
6,0												6,0	
7,0												7,0	
8,0												8,0	
9,0	76,0	3,20										9,0	
10,0	74,7	3,00					78,0	2,80				10,0	
11,0	73,3	2,90	76,3	1,90			77,0	2,70				11,0	
12,0	72,0	2,70	75,0	1,80			75,9	2,70	78,0	1,80		12,0	
13,0	70,4	2,60	73,6	1,75	76,4	1,40	74,8	2,60	76,6	1,75		13,0	
14,0	69,0	2,45	72,2	1,70	75,0	1,35	73,5	2,50	75,4	1,70	78,0	1,35	14,0
15,0	67,6	2,35	70,7	1,65	73,6	1,35	72,2	2,35	74,2	1,65	76,7	1,35	15,0
16,0	66,2	2,25	69,3	1,60	72,1	1,30	70,8	2,25	73,0	1,60	75,4	1,30	16,0
17,0	64,8	2,15	67,8	1,55	70,5	1,30	69,5	2,15	71,8	1,60	74,0	1,30	17,0
18,0	63,4	2,10	66,3	1,55	69,0	1,25	68,3	2,05	70,6	1,55	72,7	1,25	18,0
19,0	61,9	2,00	64,8	1,50	67,5	1,25	66,9	1,95	69,1	1,50	71,3	1,25	19,0
20,0	60,4	1,90	63,3	1,45	65,9	1,25	65,6	1,85	67,8	1,50	69,9	1,25	20,0
21,0	58,9	1,70	61,7	1,45	64,3	1,25	64,0	1,75	66,5	1,45	68,5	1,25	21,0
22,0	57,0	1,55	60,1	1,40	62,6	1,20	62,5	1,55	65,2	1,40	67,1	1,20	22,0
23,0	55,2	1,40	58,6	1,40	60,8	1,20	60,8	1,40	63,9	1,40	65,7	1,20	23,0
24,0	53,3	1,25	57,0	1,35	59,0	1,20	59,2	1,25	62,5	1,40	64,0	1,20	24,0
25,0	51,4	1,15	55,0	1,25	56,9	1,20	57,5	1,15	61,0	1,30	62,5	1,20	25,0
26,0	49,4	1,00	53,0	1,15	54,8	1,20	55,9	1,05	59,3	1,15	60,8	1,20	26,0
27,0	47,4	0,90	50,9	1,00	52,7	1,10	54,1	0,90	57,5	1,05	59,1	1,10	27,0
28,0	45,3	0,80	48,7	0,90	50,5	0,95	52,3	0,80	55,8	0,95	57,3	1,00	28,0
29,0	43,1	0,70	46,5	0,80	48,3	0,85	50,5	0,70	53,9	0,85	55,5	0,90	29,0
30,0	40,9	0,60	44,3	0,70	45,9	0,75	48,6	0,65	52,1	0,75	53,5	0,80	30,0
31,0	38,6	0,55	41,3	0,60	43,5	0,65	46,8	0,55	50,1	0,65	51,6	0,70	31,0
32,0			39,5	0,55	40,9	0,55			48,2	0,55	49,5	0,60	32,0
33,0											47,4	0,50	33,0
mini	36,0		37,0		38,0		44,0		46,0		45,0		mini

**LOAD DETERMINATION ACCORDING TO THE EXTENSION USED AND ITS OFFSET
ANGLE AT UNDEFINED BOOM LENGTHS.****ITS OFFSET ANGLE AT UNDEFINED BOOM LENGTHS**

Whenever an extension is used at a given offset for a boom length different from those mentioned in the load capacity charts (i.e. 34.10m, 37.40m).

The following rules should be followed.

If the selected boom length (L3) is in between two lengths (34.10m and 37.40m) which appear in the load capacity chart (L1,L2) the authorized load is calculated by interpolation between the greatest length (L1) and the shortest length (L2) at the working radius.

Example : cp 3,8 T

8 m extension at 0°. Selected length : L3 = 36 m. Radius =20m.

L1 = 37,40 m L2 = 34,10 m L3 = 36 m

Load for L1 at 20 m = 1,85 t (Q1)

Load for L2 at 20 m = 1,95 t (Q2)

Load for L3=36 m at 20 m = 1,89 t (Q3)

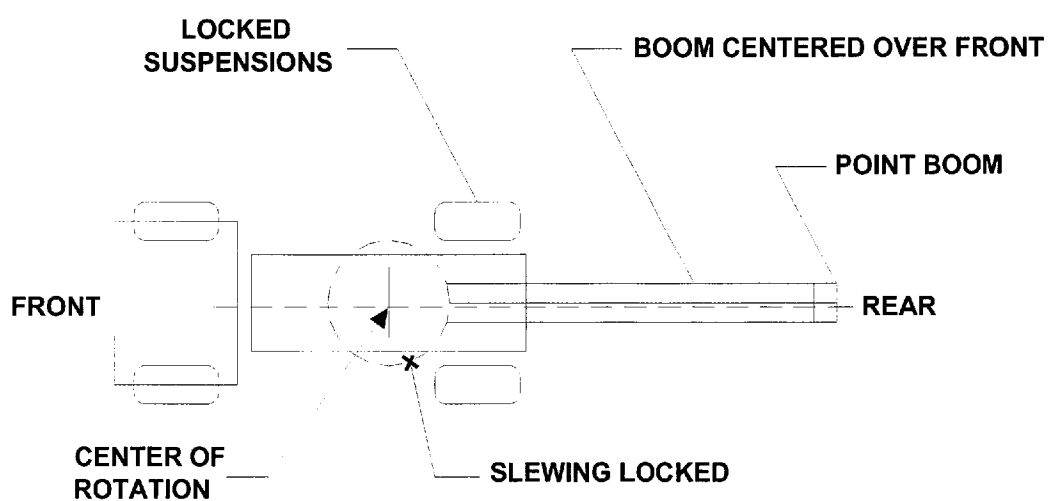
$$Q3 = (Q2 - Q1) \times \frac{(L1 - L3)}{(L1 - L2)} + Q1 = 1,89T.$$

If the selected boom length is less than the minimum boom length (that is < 34.10 m) defined in the capacity charts then the authorized load is calculated in relation to the derricking angle corresponding to the minimum defined boom length (34.10m), **The radius is not taken into account.**



AREAS OF OPERATIONS ON TIRES

NOTE : These lines determine the limiting position of any load undergoing handling operations within the working areas indicated..





TEREX®

AC40/2L

66%

40 METRIC TONS

		2,5t		9,5m → 13m	Lmaxi (m): 13	mode 2	13 ABC
--	--	------	--	------------	---------------	--------	--------

	T2 = 0%		T2 = 0%		
	T3 = 0%		T3 = 16,7%		
	T4 = 0%		T4 = 16,7%		
	T5 = 0%		T5 = 16,7%		
	9,5 m / (2)*		13,0 m / (3)*		
	79,8	6,60	79,8	7,45	
3,0	61,0	6,60	68,0	7,45	3,0
3,5	57,0	5,55	65,5	6,25	3,5
4,0	53,1	4,70	62,8	5,35	4,0
4,5	49,0	4,00	60,0	4,60	4,5
5,0	45,0	3,45	57,0	4,00	5,0
6,0	34,5	2,55	51,5	3,05	6,0
7,0	19,0	1,90	45,6	2,35	7,0
8,0			38,9	1,80	8,0
9,0			31,0	1,40	9,0
10,0			20,6	1,05	10,0
11,0					11,0
mini	0,0	1,55	0,0	0,55	mini

**TEREX®****AC40/2L****66%****40 METRIC TONS**

		2,5t	0°	9,5m → 16,5m	Lmaxi (m) 16,5	mode 2	3 ABC
--	--	-------------	-----------	---------------------	-----------------------	---------------	--------------

	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		
	9,5 m / (3)*		13,0 m / (3)*		16,5 m / (4)*		
	79,8	9,95	79,8	10,75	79,8	11,25	
3,0	61,0	9,95	68,0	10,75	73,0	11,25	3,0
3,5	57,0	8,85	65,5	9,55	71,0	10,00	3,5
4,0	53,1	7,90	62,8	8,55	69,3	8,95	4,0
4,5	49,0	7,10	60,0	7,70	67,5	8,05	4,5
5,0	45,0	6,10	57,0	6,65	65,4	7,00	5,0
6,0	34,5	4,35	51,5	4,90	61,7	5,15	6,0
7,0	19,0	3,20	45,6	3,70	57,3	3,95	7,0
8,0			38,9	2,85	53,0	3,10	8,0
9,0			31,0	2,20	49,0	2,45	9,0
10,0			20,6	1,70	44,5	1,95	10,0
11,0					39,0	1,50	11,0
12,0					32,5	1,20	12,0
13,0							13,0
mini	0,0	2,75	0,0	1,10	0,0	0,60	mini



TEREX®

AC40/2L

66%

40 METRIC TONS

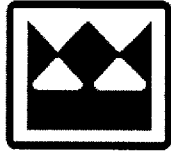
AC40/2L

LIFTING CAPACITY CHART

WEIGHT VERSION 3.8 T

CHAPTER 3





TEREX®

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AC40/2L

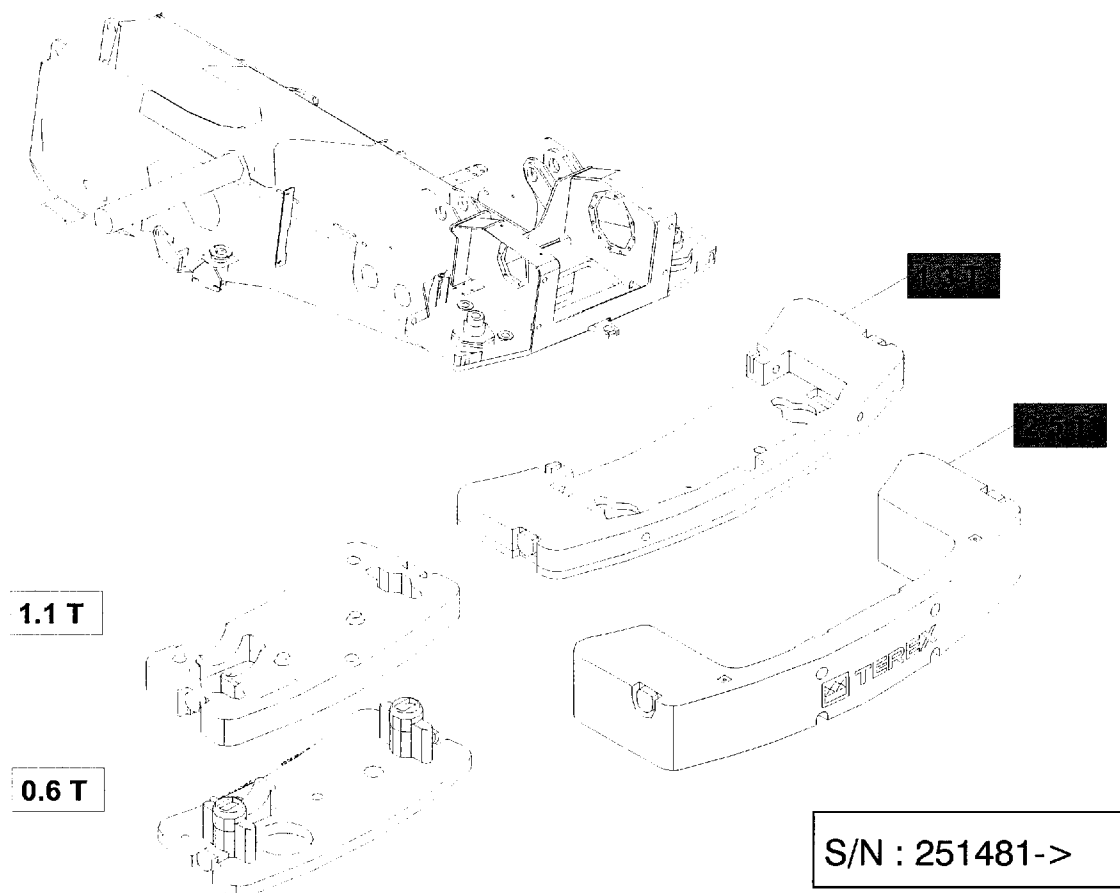
75%

40 METRIC TONS

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 3,8 T

(For version 2x12 T one winch)

The counterweight identified in **grey** must be fitted on the upper





TEREX®

40 METRIC TONS

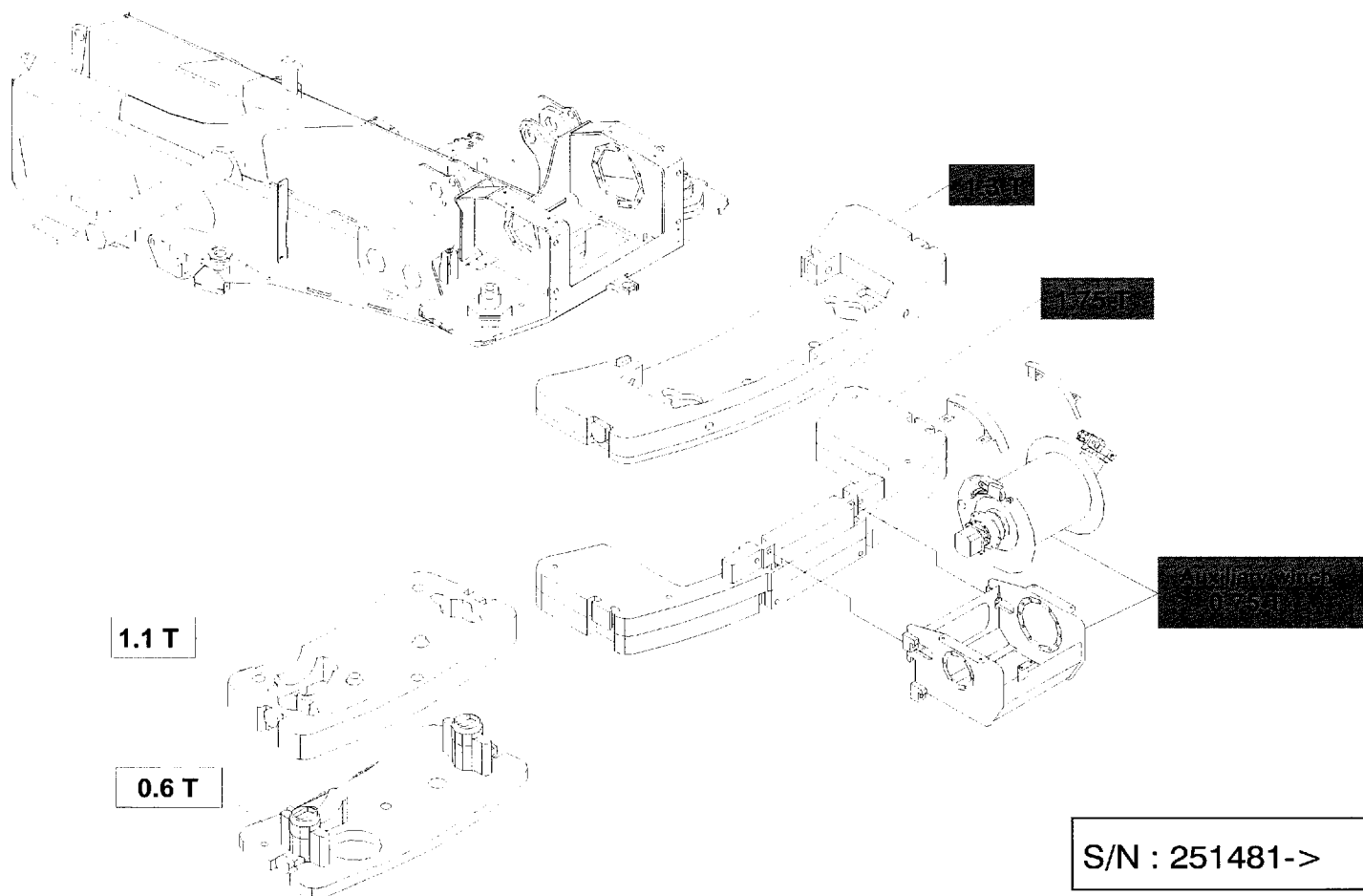
AC40/2L

75%

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 3,8 T

(For version 2x12 T two winch)

The counterweight identified in « grey » must be fitted on the upper





TEREX®

40 METRIC TONS

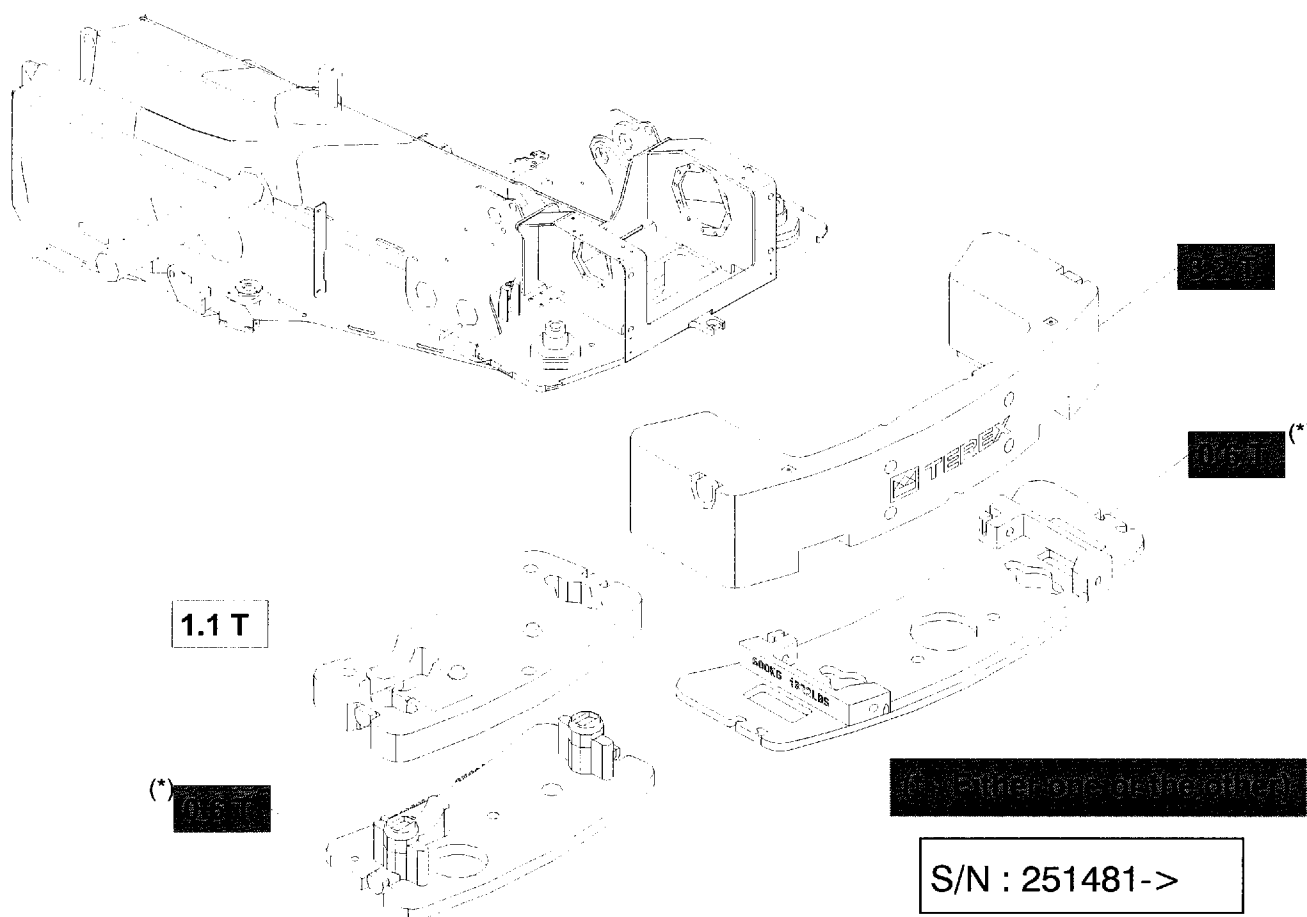
AC40/2L

75%

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 3,8 T

(For version 2x13 T one winch)

The counterweight identified in **grey** must be fitted on the upper





TEREX®

AC40/2L

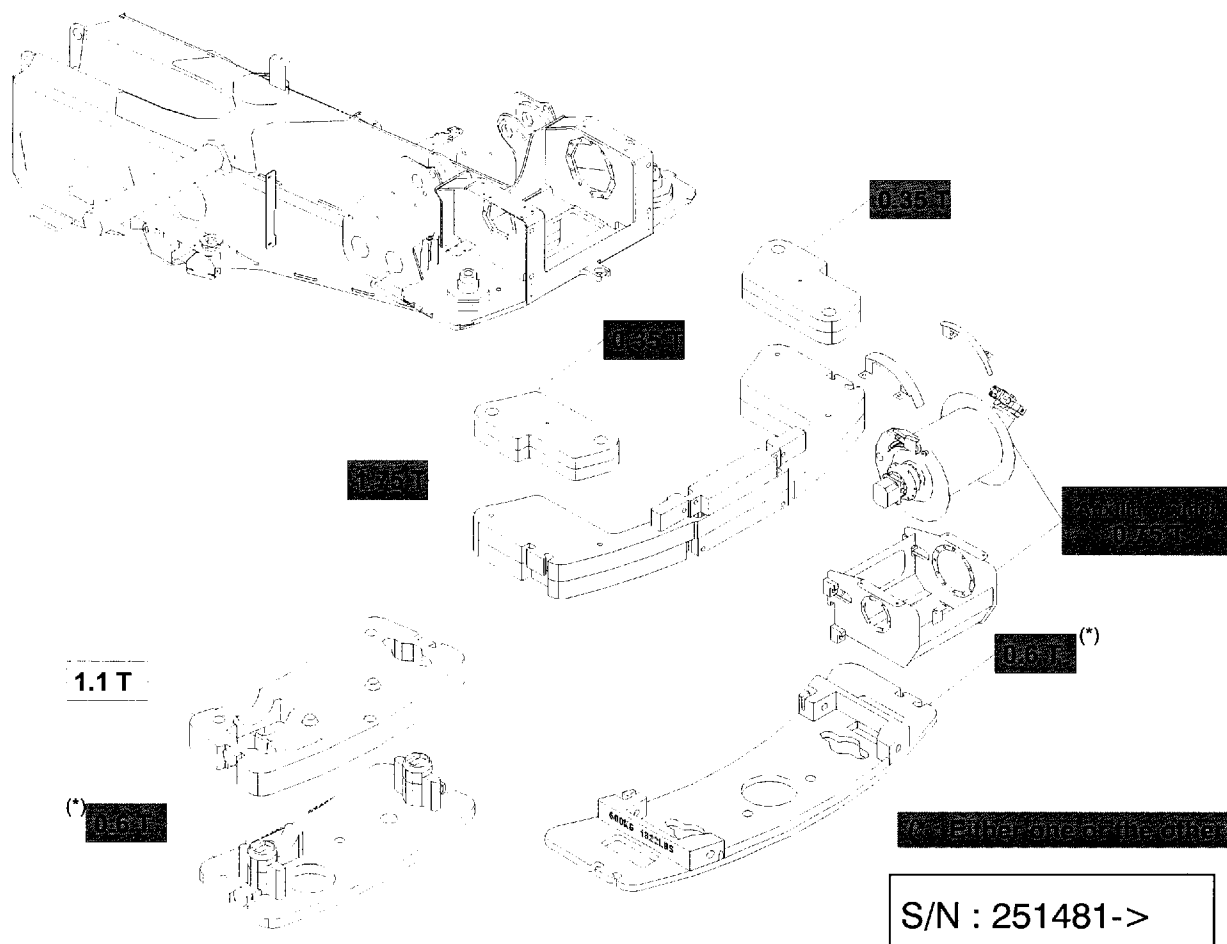
75%

40 METRIC TONS

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 3,8 T

(For version 2x13 T two winch)

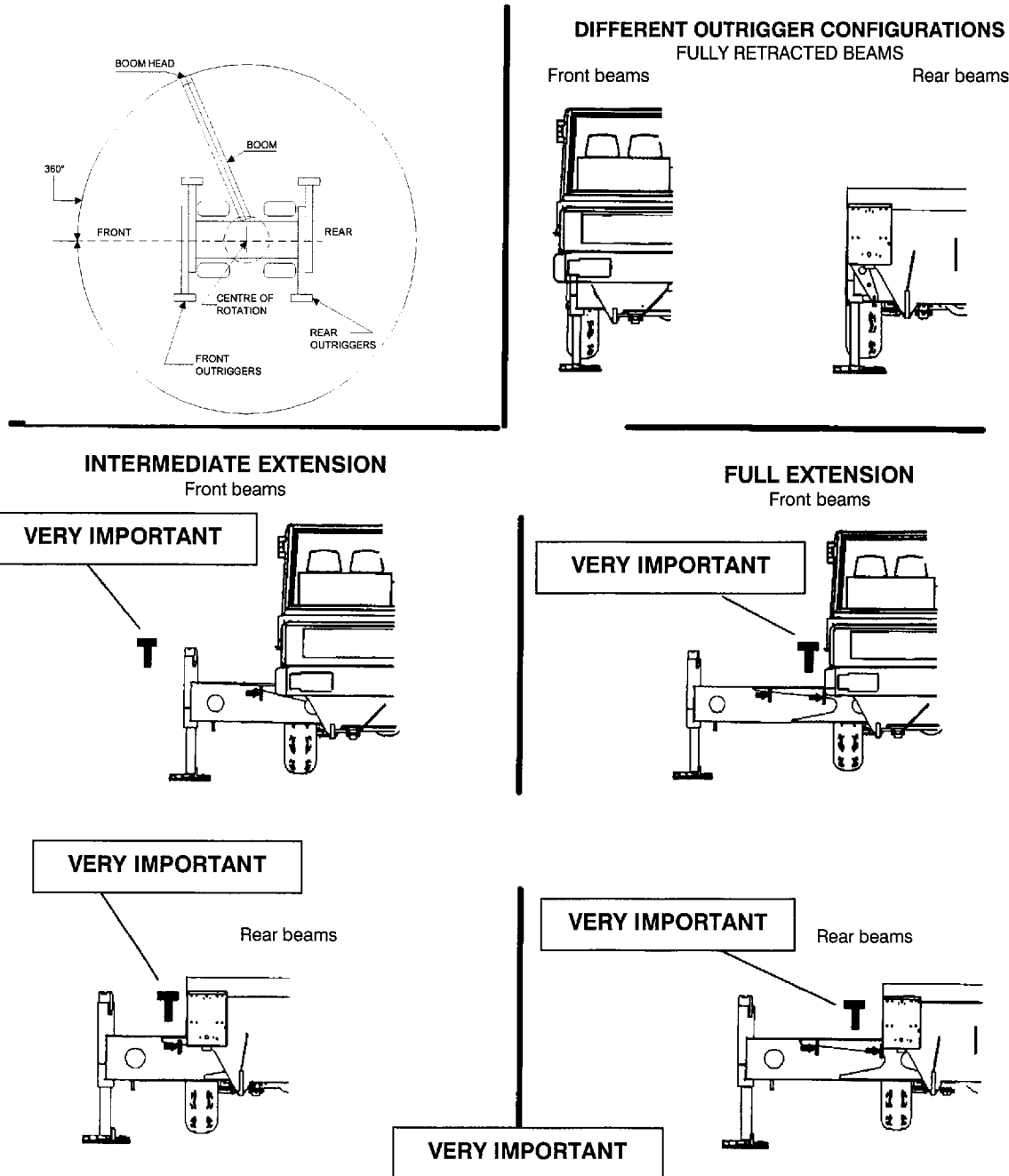
The counterweight identified in **grey** must be fitted on the upper





OPERATING ZONES ON OUTRIGGERS

NOTE : These lines determine the positioning limits for all loads subjected to handling operations in the indicated working zones.



The intermediate and fully extended outrigger positions are only correct if the outrigger beams are locked with their locking pins. The rear outriggers can only be correctly positioned by the beam **EXTENSION** function and **NOT BY THE BEAM RETRACTION FUNCTION**.

Example : To change from the fully extended position to the intermediate position the outrigger beams must firstly be fully retracted.

DO NOT FORGET TO REMOVE the locking pins before extending or retracting the outrigger beams.

**TEREX®****AC40/2L****75%****40 METRIC TONS**

		3,8t		9,5m → 37,4m		Lmaxi (m) 30,5		mode 1		200 ABC
--	--	------	--	--------------	--	----------------	--	--------	--	---------

	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 50% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 16% t4= 16% t5= 16%		t2= 100% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 100% t3= 49,4% t4= 49,4% t5= 49,4%		
	9,5 m / (8)*		13,0 m / (8)*		16,5 m / (7)*		19,8 m / (5)*		23,5 m / (5)*		26,8 m / (4)*		
													
	79,8	32,00	79,8	31,2	79,8	25,95	79,8	17,80	79,8	18,10	79,8	14,45	
3,0	61,0	32,00	69,5	31,20	74,9	25,95	77,5	18,20					3,0
3,5	57,8	27,45	67,0	27,45	73,0	23,70	76,0	18,35	78,0	18,40			3,5
4,0	54,0	24,55	64,4	24,45	71,4	22,00	74,3	18,60	77,0	17,55			4,0
4,5	49,9	22,00	61,9	22,00	69,5	20,45	72,8	17,95	75,7	16,25	79,0	14,45	4,5
5,0	45,5	19,95	59,0	19,90	67,6	17,85	71,3	16,75	74,4	15,15	78,1	13,85	5,0
6,0	35,5	16,15	53,8	15,05	63,6	13,65	68,2	13,25	71,8	12,75	75,8	12,20	6,0
7,0	21,0	12,30	48,1	11,80	59,5	10,85	64,9	10,65	69,1	10,40	73,5	10,15	7,0
8,0			41,7	9,25	55,3	8,90	61,6	8,85	66,5	8,70	71,2	8,50	8,0
9,0			34,0	7,50	51,0	7,25	58,0	7,45	64,0	7,40	69,0	7,25	9,0
10,0			23,6	6,20	46,0	5,95	54,4	6,30	60,9	6,35	66,8	6,30	10,0
11,0					40,6	5,00	50,6	5,30	58,0	5,55	64,3	5,50	11,0
12,0					34,3	4,20	46,6	4,50	55,0	4,75	61,9	4,85	12,0
13,0					26,5	3,60	42,3	3,90	51,9	4,10	59,3	4,25	13,0
14,0					17,0	3,05	37,6	3,35	48,6	3,60	56,7	3,70	14,0
15,0							32,0	2,90	45,0	3,15	54,0	3,25	15,0
16,0							25,6	2,55	41,5	2,75	50,8	2,90	16,0
17,0							16,7	2,20	37,5	2,40	47,9	2,55	17,0
18,0									33,0	2,15	44,7	2,25	18,0
19,0									27,8	1,90	41,4	2,00	19,0
20,0									21,4	1,65	37,7	1,80	20,0
21,0									12,0	1,45	33,9	1,60	21,0
22,0											29,0	1,40	22,0
23,0											23,9	1,25	23,0
24,0											17,0	1,10	24,0
25,0													25,0
mini	0,0	7,65	0,0	4,56	0,0	2,60	0,0	1,70	0,0	1,05	0,0	0,80	mini

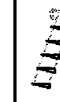
**TEREX®****AC40/2L****75%****40 METRIC TONS**

	3,8t		9,5m → 37,4m	Lmaxi (m): 30,5		mode 1	200 ABC
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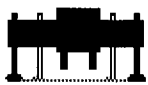
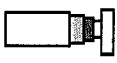
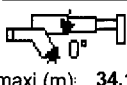
	t2= 100% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (3)*		34,1 m / (3)*		37,4 m / (2)*		
	79,8	10,00	79,8	7,45	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	10,00					6,0
7,0	74,0	9,65	78,3	7,45			7,0
8,0	72,0	8,30	77,0	7,45	78,4	5,55	8,0
9,0	69,8	7,15	75,2	7,00	77,0	5,35	9,0
10,0	67,5	6,20	73,4	6,10	75,5	5,00	10,0
11,0	65,2	5,45	71,4	5,40	73,8	4,65	11,0
12,0	62,9	4,80	69,4	4,75	72,3	4,40	12,0
13,0	60,5	4,30	67,5	4,25	70,8	4,15	13,0
14,0	58,2	3,85	65,5	3,80	69,3	3,80	14,0
15,0	55,7	3,35	63,1	3,35	68,0	3,35	15,0
16,0	53,0	3,00	61,0	3,05	66,0	3,05	16,0
17,0	50,5	2,60	58,7	2,60	63,9	2,60	17,0
18,0	48,3	2,30	56,6	2,30	61,8	2,30	18,0
19,0	45,7	2,10	54,5	2,10	59,7	2,10	19,0
20,0	43,1	1,90	52,3	2,00	57,6	2,00	20,0
21,0	40,3	1,70	50,0	1,75	55,3	1,75	21,0
22,0	37,3	1,50	47,7	1,55	53,1	1,55	22,0
23,0	34,1	1,35	45,3	1,35	50,8	1,35	23,0
24,0	30,6	1,20	42,7	1,25	48,4	1,25	24,0
25,0	26,8	1,10	40,0	1,10	46,0	1,10	25,0
26,0	22,3	0,95	37,2	1,00	43,4	1,00	26,0
27,0	17,0	0,85	34,1	0,90	40,7	0,95	27,0
28,0	11,0	0,75	30,5	0,80	37,9	0,85	28,0
29,0			26,7	0,70	35,0	0,80	29,0
30,0			22,3	0,65	32,1	0,70	30,0
31,0					29,0	0,60	31,0
mini	0,0	0,50	20,0		27,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	3,8t		9,5m → 37,4m	Lmaxi (m): 34,1		2	200 ABC
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	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 0% t3= 16,7% t4= 16,7% t5= 16,7%		t2= 0% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 0% t3= 49,3% t4= 49,3% t5= 49,3%		t2= 0% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 0% t3= 82,6% t4= 82,6% t5= 82,6%		
	9,5 m / (8)*		13,0 m / (6)*		16,5 m / (5)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	32,00	79,8	17,4	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	32,00	67,50	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	27,45	65,00	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	24,55	62,50	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	22,00	59,50	20,75	67,5	19,65	73,0	16,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	19,95	56,50	19,95	65,4	18,70	71,5	15,45	74,6	11,45	77,5	9,60	5,0
6,0	35,5	16,15	51,00	16,15	61,7	15,35	68,5	14,00	72,0	10,45	75,0	8,80	6,0
7,0	21,0	12,30	44,70	12,75	57,3	12,45	65,5	11,95	69,5	9,55	72,5	8,10	7,0
8,0			38,00	10,10	53,0	10,35	62,0	10,05	65,9	8,75	70,0	7,45	8,0
9,0			30,00	8,30	49,0	8,50	58,3	8,55	62,9	8,05	67,5	6,90	9,0
10,0			19,50	6,95	44,5	7,15	54,5	7,15	59,7	7,15	64,7	6,40	10,0
11,0					39,0	5,95	50,5	5,95	56,5	5,95	62,4	5,95	11,0
12,0					32,5	5,30	46,3	5,30	53,0	5,30	59,6	5,30	12,0
13,0					25,2	4,50	41,0	4,50	49,5	4,50	57,0	4,50	13,0
14,0					14,0	3,90	36,0	3,90	46,0	3,90	54,0	3,90	14,0
15,0							30,2	3,35	42,5	3,35	51,3	3,35	15,0
16,0							23,5	3,05	37,5	3,05	48,3	3,05	16,0
17,0							14,0	2,60	33,0	2,60	45,5	2,60	17,0
18,0									28,0	2,30	42,5	2,30	18,0
19,0									22,5	2,10	39,0	2,10	19,0
20,0									16,0	2,00	35,0	2,00	20,0
21,0									9,0	1,75	30,8	1,75	21,0
22,0											25,5	1,55	22,0
23,0											19,0	1,35	23,0
24,0											11,5	1,25	24,0
25,0													25,0
mini	0,0	7,65	0,0	5,20	0,0	3,50	0,0	2,10	0,0	1,45	0,0	0,95	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 3,8t	 360°	 9,5m → 37,4m	 Lmaxi (m): 34,1	 mode 2	 200 ABC
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	t2= 0% t3= 100% t4= 100% t5= 100%		t2= 52% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (2)*		34,1 m / (2)*		37,4 m / (2)*		
							
	79,8	6,40	79,8	6,00	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	78,0	6,40					6,0
7,0	76,0	5,80	76,9	6,00			7,0
8,0	74,0	5,35	75,4	5,60	78,6	5,55	8,0
9,0	72,0	4,85	73,8	5,20	77,2	5,35	9,0
10,0	69,7	4,45	72,0	4,80	75,8	5,00	10,0
11,0	67,6	4,05	70,5	4,50	74,0	4,65	11,0
12,0	65,5	3,75	68,7	4,15	72,3	4,40	12,0
13,0	63,3	3,45	66,8	3,85	70,6	4,15	13,0
14,0	61,2	3,15	64,9	3,60	68,9	3,80	14,0
15,0	58,9	2,90	62,9	3,35	66,9	3,35	15,0
16,0	56,5	2,70	61,0	3,05	65,0	3,05	16,0
17,0	54,0	2,45	58,9	2,60	63,0	2,60	17,0
18,0	51,4	2,30	56,8	2,30	61,0	2,30	18,0
19,0	48,5	2,10	55,0	2,10	59,0	2,10	19,0
20,0	45,9	1,95	52,4	2,00	57,0	2,00	20,0
21,0	42,8	1,75	49,9	1,75	54,7	1,75	21,0
22,0	39,8	1,55	47,3	1,55	52,6	1,55	22,0
23,0	36,3	1,35	44,8	1,35	50,3	1,35	23,0
24,0	32,7	1,25	42,0	1,25	48,0	1,25	24,0
25,0	28,6	1,10	39,2	1,10	45,5	1,10	25,0
26,0	24,0	1,00	36,1	1,00	43,1	1,00	26,0
27,0	18,5	0,95	32,8	0,95	40,4	0,95	27,0
28,0	11,0	0,90	29,0	0,90	37,7	0,85	28,0
29,0			25,1	0,85	35,0	0,80	29,0
30,0			21,0	0,80	32,1	0,70	30,0
31,0			16,5	0,75	29,0	0,60	31,0
32,0							32,0
mini	0,0	0,65	0,0	0,50	27,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	3,8t	0°	9,5m → 37,4m	Lmaxi (m) 30,5	*	mode 1	211 ABC
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	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 50% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 16% t4= 16% t5= 16%		t2= 100% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 100% t3= 49,4% t4= 49,4% t5= 49,4%		
	9,5 m / (9)*		13,0 m / (8)*		16,5 m / (7)*		19,8 m / (5)*		23,5 m / (5)*		26,8 m / (4)*		
	79,8	35,00	79,8	31,2	79,8	25,95	79,8	17,80	79,8	18,10	79,8	14,45	
3,0	61,0	35,00	69,5	31,20	74,9	25,95	77,5	18,20					3,0
3,5	57,8	27,45	67,0	27,45	73,0	23,70	76,0	18,35	78,0	18,40			3,5
4,0	54,0	24,45	64,4	24,45	71,4	22,00	74,3	18,60	77,0	17,55			4,0
4,5	49,9	22,00	61,9	22,00	69,5	20,45	72,8	17,95	75,7	16,25	79,0	14,45	4,5
5,0	45,5	19,95	59,0	19,90	67,6	17,85	71,3	16,75	74,4	15,15	78,1	13,85	5,0
6,0	35,5	16,15	53,8	15,05	63,6	13,65	68,2	13,25	71,8	12,75	75,8	12,20	6,0
7,0	21,0	12,30	48,1	11,80	59,5	10,85	64,9	10,65	69,1	10,40	73,5	10,15	7,0
8,0			41,7	9,25	55,3	8,90	61,6	8,85	66,5	8,70	71,2	8,50	8,0
9,0			34,0	7,50	51,0	7,25	58,0	7,45	64,0	7,40	69,0	7,25	9,0
10,0			23,6	6,20	46,0	5,95	54,4	6,30	60,9	6,35	66,8	6,30	10,0
11,0					40,6	5,00	50,6	5,30	58,0	5,55	64,3	5,50	11,0
12,0					34,3	4,20	46,6	4,50	55,0	4,75	61,9	4,85	12,0
13,0					26,5	3,60	42,3	3,90	51,9	4,10	59,3	4,25	13,0
14,0					17,0	3,05	37,6	3,35	48,6	3,60	56,7	3,70	14,0
15,0							32,0	2,90	45,0	3,15	54,0	3,25	15,0
16,0							25,6	2,55	41,5	2,75	50,8	2,90	16,0
17,0							16,7	2,20	37,5	2,40	47,9	2,55	17,0
18,0									33,0	2,15	44,7	2,25	18,0
19,0									27,8	1,90	41,4	2,00	19,0
20,0									21,4	1,65	37,7	1,80	20,0
21,0									12,0	1,45	33,9	1,60	21,0
22,0											29,0	1,40	22,0
23,0											23,9	1,25	23,0
24,0											17,0	1,10	24,0
25,0													25,0
mini	0,0	7,65	0,0	4,56	0,0	2,60	0,0	1,70	0,0	1,05	0,0	0,80	mini

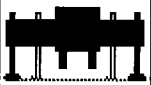
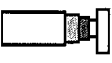
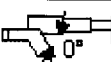


TEREX®

AC40/2L

75%

40 METRIC TONS

	 3,8t	 0°	 9,5m → 37,4m	 Lmaxi (m): 30,5	 *	mode 1	 211 ABC
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	t2= 100% t3= 66,7% t4= 66,7% t5= 66,7%			t2= 100% t3= 84% t4= 84% t5= 84%			t2= 100% t3= 100% t4= 100% t5= 100%			
	30,5 m / (3)*			34,1 m / (3)*			37,4 m / (2)*			
										
	79,8	10,00	79,8	7,45	79,8	5,55				
3,0										3,0
3,5										3,5
4,0										4,0
4,5										4,5
5,0										5,0
6,0	75,8	10,00								6,0
7,0	74,0	9,65	78,3	7,45						7,0
8,0	72,0	8,30	77,0	7,45	78,4	5,55				8,0
9,0	69,8	7,15	75,2	7,00	77,0	5,35				9,0
10,0	67,5	6,20	73,4	6,10	75,5	5,00				10,0
11,0	65,2	5,45	71,4	5,40	73,8	4,65				11,0
12,0	62,9	4,80	69,4	4,75	72,3	4,40				12,0
13,0	60,5	4,30	67,5	4,25	70,8	4,15				13,0
14,0	58,2	3,85	65,5	3,80	69,3	3,80				14,0
15,0	55,7	3,35	63,1	3,35	68,0	3,35				15,0
16,0	53,0	3,00	61,0	3,05	66,0	3,05				16,0
17,0	50,5	2,60	58,7	2,60	63,9	2,60				17,0
18,0	48,3	2,30	56,6	2,30	61,8	2,30				18,0
19,0	45,7	2,10	54,5	2,10	59,7	2,10				19,0
20,0	43,1	1,90	52,3	2,00	57,6	2,00				20,0
21,0	40,3	1,70	50,0	1,75	55,3	1,75				21,0
22,0	37,3	1,50	47,7	1,55	53,1	1,55				22,0
23,0	34,1	1,35	45,3	1,35	50,8	1,35				23,0
24,0	30,6	1,20	42,7	1,25	48,4	1,25				24,0
25,0	26,8	1,10	40,0	1,10	46,0	1,10				25,0
26,0	22,3	0,95	37,2	1,00	43,4	1,00				26,0
27,0	17,0	0,85	34,1	0,90	40,7	0,95				27,0
28,0	11,0	0,75	30,5	0,80	37,9	0,85				28,0
29,0			26,7	0,70	35,0	0,80				29,0
30,0			22,3	0,65	32,1	0,70				30,0
31,0					29,0	0,60				31,0
mini	0,0	0,50	20,0		27,0					mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 3,8t	 360°	 9,5m → 37,4m	 Lmaxi (m): 23,5	 *	mode 1	 201 ABC
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	T2 = 100% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 100% T3 = 84% T4 = 84% T5 = 84%		T2 = 100% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (3)*		34,1 m / (2)*		37,4 m / (2)*		
	79,8	8,60	79,8	6,80	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	9,30					6,0
7,0	74,0	7,65	78,3	7,40			7,0
8,0	72,0	6,40	77,0	6,30	78,4	5,55	8,0
9,0	69,8	5,50	75,2	5,40	77,0	5,30	9,0
10,0	67,5	4,70	73,4	4,65	75,5	4,60	10,0
11,0	65,2	4,10	71,4	4,05	73,8	4,00	11,0
12,0	62,9	3,60	69,4	3,55	72,3	3,55	12,0
13,0	60,5	3,15	67,5	3,15	70,8	3,15	13,0
14,0	58,2	2,80	65,5	2,80	69,3	2,80	14,0
15,0	55,7	2,45	63,1	2,50	68,0	2,50	15,0
16,0	53,0	2,15	61,0	2,20	66,0	2,20	16,0
17,0	50,5	1,90	58,7	1,95	63,9	2,00	17,0
18,0	48,3	1,65	56,6	1,75	61,8	1,75	18,0
19,0	45,7	1,45	54,5	1,55	59,7	1,60	19,0
20,0	43,1	1,25	52,3	1,35	57,6	1,40	20,0
21,0	40,3	1,10	50,0	1,20	55,3	1,25	21,0
22,0	37,3	0,95	47,7	1,05	53,1	1,10	22,0
23,0	34,1	0,80	45,3	0,90	50,8	0,95	23,0
24,0	30,6	0,70	42,7	0,80	48,4	0,85	24,0
25,0	26,8	0,60	40,0	0,65	46,0	0,75	25,0
26,0					43,4	0,60	26,0
mini	24,0		38,0		41,0		mini



TEREX®

AC40/2L

75%

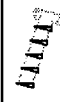
40 METRIC TONS

	3,8t		9,5m → 37,4m	Lmaxi (m) 30,5		*	2		201 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 0% T3 = 49,3% T4 = 49,3% T5 = 49,3%		T2 = 0% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 0% T3 = 82,6% T4 = 82,6% T5 = 82,6%		
	9,5 m / (7)*		13,0 m / (5)*		16,5 m / (5)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
	79,8	28,90	79,8	17,40	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	28,90	67,5	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	25,65	65,0	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	22,95	62,5	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	20,75	59,5	19,65	67,5	18,25	73,0	16,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	17,95	56,5	16,70	65,4	15,70	71,5	14,80	74,6	11,45	77,5	9,60	5,0
6,0	35,5	12,85	51,0	12,75	61,7	12,15	68,5	11,60	72,0	10,45	75,0	8,80	6,0
7,0	21,0	9,65	44,7	10,10	57,3	9,80	65,5	9,45	69,5	9,10	72,5	8,10	7,0
8,0			38,0	7,95	53,0	8,15	62,0	7,90	65,9	7,65	70,0	7,45	8,0
9,0			30,0	6,50	49,0	6,75	58,3	6,75	62,9	6,55	67,5	6,40	9,0
10,0			19,5	5,40	44,5	5,65	54,5	5,75	59,7	5,70	64,7	5,55	10,0
11,0					39,0	4,80	50,5	4,90	56,5	5,00	62,4	4,90	11,0
12,0					32,5	4,10	46,3	4,25	53,0	4,35	59,6	4,35	12,0
13,0					25,2	3,60	41,0	3,70	49,5	3,80	57,0	3,85	13,0
14,0					14,0	3,15	36,0	3,25	46,0	3,35	54,0	3,40	14,0
15,0							30,2	2,85	42,5	2,95	51,3	3,00	15,0
16,0							23,5	2,55	37,5	2,60	48,3	2,70	16,0
17,0							14,0	2,25	33,0	2,35	45,5	2,40	17,0
18,0									28,0	2,10	42,5	2,15	18,0
19,0									22,5	1,90	39,0	1,95	19,0
20,0									16,0	1,70	35,0	1,75	20,0
21,0									9,0	1,50	30,8	1,55	21,0
22,0											25,5	1,40	22,0
23,0											19,0	1,30	23,0
24,0											11,5	1,15	24,0
25,0													25,0
mini	0,0	7,65	0,0	4,45	0,0	2,80	0,0	1,85	0,0	1,15	0,0	0,80	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	3,8t		9,5m → 37,4m	Lmaxi (m): 30,5		2	201 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 0% T3 = 49,3% T4 = 49,3% T5 = 49,3%		T2 = 0% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 0% T3 = 82,6% T4 = 82,6% T5 = 82,6%		
	9,5 m / (7)*		13,0 m / (5)*		16,5 m / (5)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	28,90	79,8	17,40	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	28,90	67,5	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	25,65	65,0	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	22,95	62,5	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	20,75	59,5	19,65	67,5	18,25	73,0	16,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	17,95	56,5	16,70	65,4	15,70	71,5	14,80	74,6	11,45	77,5	9,60	5,0
6,0	35,5	12,85	51,0	12,75	61,7	12,15	68,5	11,60	72,0	10,45	75,0	8,80	6,0
7,0	21,0	9,65	44,7	10,10	57,3	9,80	65,5	9,45	69,5	9,10	72,5	8,10	7,0
8,0			38,0	7,95	53,0	8,15	62,0	7,90	65,9	7,65	70,0	7,45	8,0
9,0			30,0	6,50	49,0	6,75	58,3	6,75	62,9	6,55	67,5	6,40	9,0
10,0			19,5	5,40	44,5	5,65	54,5	5,75	59,7	5,70	64,7	5,55	10,0
11,0					39,0	4,80	50,5	4,90	56,5	5,00	62,4	4,90	11,0
12,0					32,5	4,10	46,3	4,25	53,0	4,35	59,6	4,35	12,0
13,0					25,2	3,60	41,0	3,70	49,5	3,80	57,0	3,85	13,0
14,0					14,0	3,15	36,0	3,25	46,0	3,35	54,0	3,40	14,0
15,0							30,2	2,85	42,5	2,95	51,3	3,00	15,0
16,0							23,5	2,55	37,5	2,60	48,3	2,70	16,0
17,0							14,0	2,25	33,0	2,35	45,5	2,40	17,0
18,0									28,0	2,10	42,5	2,15	18,0
19,0									22,5	1,90	39,0	1,95	19,0
20,0									16,0	1,70	35,0	1,75	20,0
21,0									9,0	1,50	30,8	1,55	21,0
22,0											25,5	1,40	22,0
23,0											19,0	1,30	23,0
24,0											11,5	1,15	24,0
25,0													25,0
mini	0,0	7,65	0,0	4,45	0,0	2,80	0,0	1,85	0,0	1,15	0,0	0,80	mini



TEREX®

AC40/2L

75%

40 METRIC TONS

	3,8t		9,5m → 37,4m	30,5		mode 2		201 ABC
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	T2 = 0% T3 = 100% T4 = 100% T5 = 100%		T2 = 52% T3 = 100% T4 = 100% T5 = 100%		T2 = 100% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (2)*		34,1 m / (2)*		37,4 m / (2)*		
	79,8	6,40	79,8	6,00	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	78,0	6,40					6,0
7,0	76,0	5,80	76,9	6,00			7,0
8,0	74,0	5,35	75,4	5,60	78,6	5,55	8,0
9,0	72,0	4,85	73,8	5,20	77,2	5,30	9,0
10,0	69,7	4,45	72,0	4,80	75,8	4,60	10,0
11,0	67,6	4,05	70,5	4,35	74,0	4,00	11,0
12,0	65,5	3,75	68,7	3,85	72,3	3,55	12,0
13,0	63,3	3,45	66,8	3,45	70,6	3,15	13,0
14,0	61,2	3,15	64,9	3,05	68,9	2,80	14,0
15,0	58,9	2,90	62,9	2,75	66,9	2,50	15,0
16,0	56,5	2,70	61,0	2,50	65,0	2,20	16,0
17,0	54,0	2,45	58,9	2,20	63,0	2,00	17,0
18,0	51,4	2,20	56,8	2,00	61,0	1,75	18,0
19,0	48,5	2,00	55,0	1,75	59,0	1,60	19,0
20,0	45,9	1,80	52,4	1,60	57,0	1,40	20,0
21,0	42,8	1,60	49,9	1,40	54,7	1,25	21,0
22,0	39,8	1,45	47,3	1,25	52,6	1,10	22,0
23,0	36,3	1,30	44,8	1,10	50,3	0,95	23,0
24,0	32,7	1,20	42,0	1,00	48,0	0,85	24,0
25,0	28,6	1,10	39,2	0,90	45,5	0,75	25,0
26,0	24,0	0,95	36,1	0,75	43,1	0,60	26,0
27,0	18,5	0,90	32,8	0,70			27,0
28,0	11,0	0,80	29,0	0,60			28,0
29,0							29,0
mini	0,0	0,60	27,0		41,0		mini



TEREX®

AC40/2L

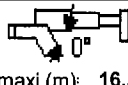
75%

40 METRIC TONS

	3,8t		9,5m → 30,5m	Lmaxi (m) 16,5		mode 2		202 ABC
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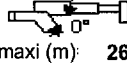
	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 0% T3 = 49,3% T4 = 49,3% T5 = 49,3%		T2 = 0% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 0% T3 = 82,6% T4 = 82,6% T5 = 82,6%		
	9,5 m / (4)*		13,0 m / (3)*		16,5 m / (3)*		19,8 m / (3)*		23,5 m / (3)*		26,8 m / (2)*		
													
	79,8	12,10	79,8	11,35	79,8	10,60	79,8	9,95	79,8	7,95	79,8	5,80	
3,0	61,0	11,60	67,5	10,85	73,0	10,15	77,0	9,50					3,0
3,5	57,8	9,50	65,0	9,05	71,0	8,55	75,9	8,10	78,9	7,60			3,5
4,0	54,0	7,95	62,5	7,70	69,3	7,35	74,3	7,00	77,0	6,65			4,0
4,5	49,9	6,80	59,5	6,65	67,5	6,40	73,0	6,15	75,9	5,85	78,5	5,60	4,5
5,0	45,5	5,85	56,5	5,80	65,4	5,60	71,5	5,40	74,6	5,20	77,5	5,00	5,0
6,0	35,5	4,35	51,0	4,50	61,7	4,45	68,5	4,35	72,0	4,20	75,0	4,05	6,0
7,0	21,0	3,25	44,7	3,60	57,3	3,60	65,5	3,55	69,5	3,45	72,5	3,35	7,0
8,0			38,0	2,85	53,0	2,95	62,0	2,90	65,9	2,85	70,0	2,80	8,0
9,0			30,0	2,25	49,0	2,45	58,3	2,45	62,9	2,40	67,5	2,35	9,0
10,0			19,5	1,85	44,5	2,00	54,5	2,05	59,7	2,05	64,7	2,00	10,0
11,0					39,0	1,65	50,5	1,70	56,5	1,70	62,4	1,70	11,0
12,0					32,5	1,35	46,3	1,45	53,0	1,45	59,6	1,45	12,0
13,0					25,2	1,10	41,0	1,20	49,5	1,25	57,0	1,25	13,0
14,0					14,0	0,90	36,0	1,00	46,0	1,05	54,0	1,05	14,0
15,0							30,2	0,80	42,5	0,85	51,3	0,90	15,0
16,0							23,5	0,65	37,5	0,70	48,3	0,75	16,0
17,0									33,0	0,60	45,5	0,60	17,0
mini	0,0	2,75	0,0	1,15	0,0	0,60	21,0		31,0		43,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 3,8t	 360°	 9,5m → 30,5m	 Lmaxi (m): 16,5	 *	mode 2	 202 ABC
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	T2 = 0% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (2)*		
			
	79,8	3,35	
3,0			3,0
3,5			3,5
4,0			4,0
4,5			4,5
5,0			5,0
6,0	78,0	3,90	6,0
7,0	76,0	3,25	7,0
8,0	74,0	2,75	8,0
9,0	72,0	2,30	9,0
10,0	69,7	1,95	10,0
11,0	67,6	1,65	11,0
12,0	65,5	1,45	12,0
13,0	63,3	1,20	13,0
14,0	61,2	1,05	14,0
15,0	58,9	0,90	15,0
16,0	56,5	0,75	16,0
17,0	54,0	0,60	17,0
mini	52,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 3.8t	 360°	 9,5-37,4	 Lmaxi (m): 26	 8 m	 *	 **
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	t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%		
(m)	34,1 + 8		34,1 + 8		34,1 + 8		37,4+ 8		37,4+ 8		37,4 + 8		(m)
	(1)* 0° **  203		(1)* 20° **  204		(1)* 40° **  205		(1)* 0° **  203		(1)* 20° **  204		(1)* 40° **  205		
	 79,8	 3,20	 79,8	 1,90	 79,8	 1,40	 79,8	 2,80	 79,8	 1,80	 79,8	 1,35	
3,0													3,0
3,5													3,5
4,0													4,0
4,5													4,5
5,0													5,0
6,0													6,0
7,0													7,0
8,0													8,0
9,0	76,0	3,20											9,0
10,0	74,7	3,00					78,0	2,80					10,0
11,0	73,3	2,90	76,3	1,90			77,0	2,70					11,0
12,0	72,0	2,70	75,0	1,80			75,9	2,70	78,0	1,80			12,0
13,0	70,4	2,60	73,6	1,75	76,4	1,40	74,8	2,60	76,6	1,75			13,0
14,0	69,0	2,45	72,2	1,70	75,0	1,35	73,5	2,50	75,4	1,70	78,0	1,35	14,0
15,0	67,6	2,35	70,7	1,65	73,6	1,35	72,2	2,35	74,2	1,65	76,7	1,35	15,0
16,0	66,2	2,25	69,3	1,60	72,10	1,30	70,8	2,25	73,0	1,60	75,4	1,30	16,0
17,0	64,8	2,15	67,8	1,55	70,50	1,30	69,5	2,15	71,8	1,60	74,0	1,30	17,0
18,0	63,4	2,10	66,3	1,55	69,00	1,25	68,3	2,05	70,6	1,55	72,7	1,25	18,0
19,0	61,9	2,00	64,8	1,50	67,50	1,25	66,9	1,95	69,1	1,50	71,3	1,25	19,0
20,0	60,4	1,95	63,3	1,45	65,90	1,25	65,6	1,85	67,8	1,50	69,9	1,25	20,0
21,0	58,9	1,85	61,7	1,45	64,30	1,25	64,0	1,80	66,5	1,45	68,5	1,25	21,0
22,0	57,0	1,80	60,1	1,40	62,60	1,20	62,5	1,75	65,2	1,40	67,1	1,20	22,0
23,0	55,2	1,65	58,6	1,40	60,80	1,20	60,8	1,65	63,9	1,40	65,7	1,20	23,0
24,0	53,3	1,50	57,0	1,35	59,00	1,20	59,2	1,50	62,5	1,40	64,0	1,20	24,0
25,0	51,4	1,35	55,0	1,35	56,90	1,20	57,5	1,35	61,0	1,35	62,5	1,20	25,0
26,0	49,4	1,25	53,0	1,30	54,80	1,20	55,9	1,25	59,3	1,30	60,8	1,20	26,0
27,0	47,4	1,10	50,9	1,20	52,70	1,20	54,1	1,15	57,5	1,25	59,1	1,20	27,0
28,0	45,3	1,00	48,7	1,10	50,50	1,15	52,3	1,00	55,8	1,15	57,3	1,20	28,0
29,0	43,1	0,90	46,5	1,00	48,30	1,05	50,5	0,90	53,9	1,00	55,5	1,10	29,0
30,0	40,9	0,80	44,3	0,90	45,90	0,95	48,6	0,85	52,1	0,90	53,5	1,00	30,0
31,0	38,6	0,70	41,9	0,80	43,50	0,85	46,8	0,75	50,1	0,85	51,6	0,90	31,0
32,0	36,0	0,65	39,5	0,70	40,90	0,75	44,9	0,65	48,2	0,75	49,5	0,80	32,0
33,0	33,6	0,55	37,0	0,65	38,00	0,65	43,0	0,60	46,0	0,65	47,4	0,70	33,0
34,0	30,5	0,50	34,6	0,55	35,20	0,55	40,8	0,50	44,0	0,60	45,0	0,60	34,0
35,0									41,7	0,50	42,5	0,55	35,0
mini	28,0		32,0		33,0		38,0		39,0		40,0		mini



LOAD DETERMINATION ACCORDING TO THE EXTENSION USED AND ITS OFFSET ANGLE AT UNDEFINED BOOM LENGTHS.

ITS OFFSET ANGLE AT UNDEFINED BOOM LENGTHS

Whenever an extension is used at a given offset for a boom length different from those mentioned in the load capacity charts (i.e. 34.10m, 37.40m).

The following rules should be followed.

If the selected boom length (L3) is in between two lengths (34.10m and 37.40m) which appear in the load capacity chart (L1,L2) the authorized load is calculated by interpolation between the greatest length (L1) and the shortest length (L2) at the working radius.

Example : cp 3,8 T

8 m extension at 0°. Selected length : L3 = 36 m. Radius = 20m.

L1 = 37,40 m L2 = 34,10 m L3 = 36 m

Load for L1 at 20 m = 1,85 t (Q1)

Load for L2 at 20 m = 1,95 t (Q2)

Load for L3=36 m at 20 m = 1,89 t (Q3)

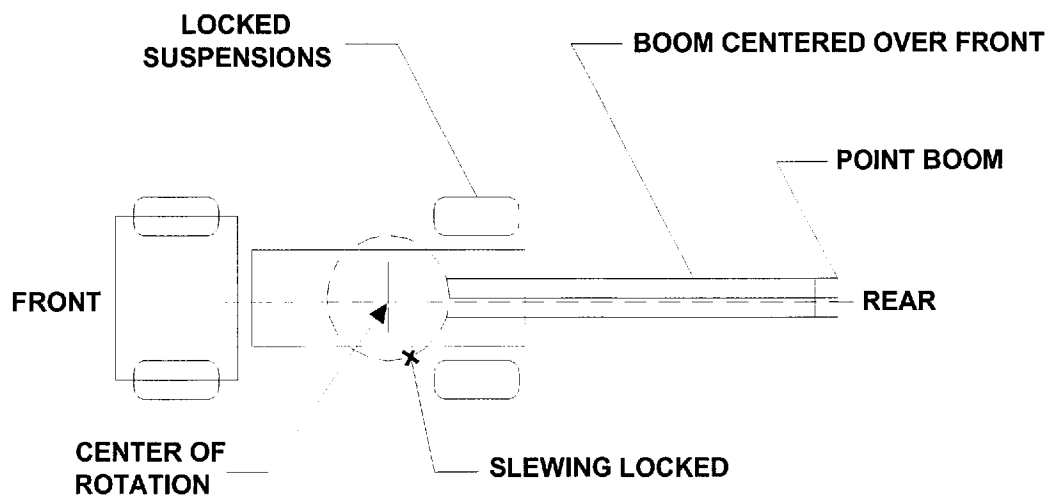
$$Q3 = (Q2 - Q1) \times \frac{(L1 - L3)}{(L1 - L2)} + Q1 = 1,89T.$$

If the selected boom length is less than the minimum boom length (that is < 34.10 m) defined in the capacity charts then the authorized load is calculated in relation to the derricking angle corresponding to the minimum defined boom length (34.10m), **The radius is not taken into account.**



AREAS OF OPERATIONS ON TIRES

NOTE : These lines determine the limiting position of any load undergoing handling operations within the working areas indicated..



**TEREX®****AC40/2L****66%****40 METRIC TONS**

			3,8t		360°		9,5m → 13m		Lmaxi (m): 13		mode 2		12 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		
	9,5 m / (2)*		13,0 m / (3)*		
	70,0		70,0		
3,0	61,0	6,60	68,0	7,45	3,0
3,5	57,0	5,55	65,5	6,25	3,5
4,0	53,1	4,70	62,8	5,35	4,0
4,5	49,0	4,00	60,0	4,60	4,5
5,0	45,0	3,45	57,0	4,00	5,0
6,0	34,5	2,55	51,5	3,05	6,0
7,0	19,0	1,90	45,6	2,35	7,0
8,0			38,9	1,80	8,0
9,0			31,0	1,40	9,0
10,0			20,6	1,05	10,0
11,0					11,0
mini	0,0	1,55	0,0	0,55	mini

**TEREX®****AC40/2L****66%****40 METRIC TONS**

		3,8t		9,5m → 16,5	Lmaxi (m): 16,5		mode 2		2 ABC
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	T2 = 0% T3 = 0,0% T4 = 0,0% T5 = 0,0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		
	9,5 m / (3)*		13,0 m / (3)*		16,5 m / (4)*		
	79,8	9,95	79,8	10,75	79,8	11,25	
3,0	61,0	9,95	68,0	10,75	73,0	11,25	3,0
3,5	57,0	8,85	65,5	9,55	71,0	10,00	3,5
4,0	53,1	7,90	62,8	8,55	69,3	8,95	4,0
4,5	49,0	7,10	60,0	7,70	67,5	8,05	4,5
5,0	45,0	6,10	57,0	6,65	65,4	7,00	5,0
6,0	34,5	4,35	51,5	4,90	61,7	5,15	6,0
7,0	19,0	3,20	45,6	3,70	57,3	3,95	7,0
8,0			38,9	2,85	53,0	3,10	8,0
9,0			31,0	2,20	49,0	2,45	9,0
10,0			20,6	1,70	44,5	1,95	10,0
11,0					39,0	1,50	11,0
12,0					32,5	1,20	12,0
13,0							13,0
mini	0,0	2,75	0,0	1,10	0,0	0,60	mini



TEREX[®]

AC40/2L

66%

40 METRIC TONS

AC40/2L

LIFTING CAPACITY CHART

WEIGHT VERSION 5.5 T

CHAPTER 4



P6944058/b

TEREX®



TEREX®

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TEREX®

40 METRIC TONS

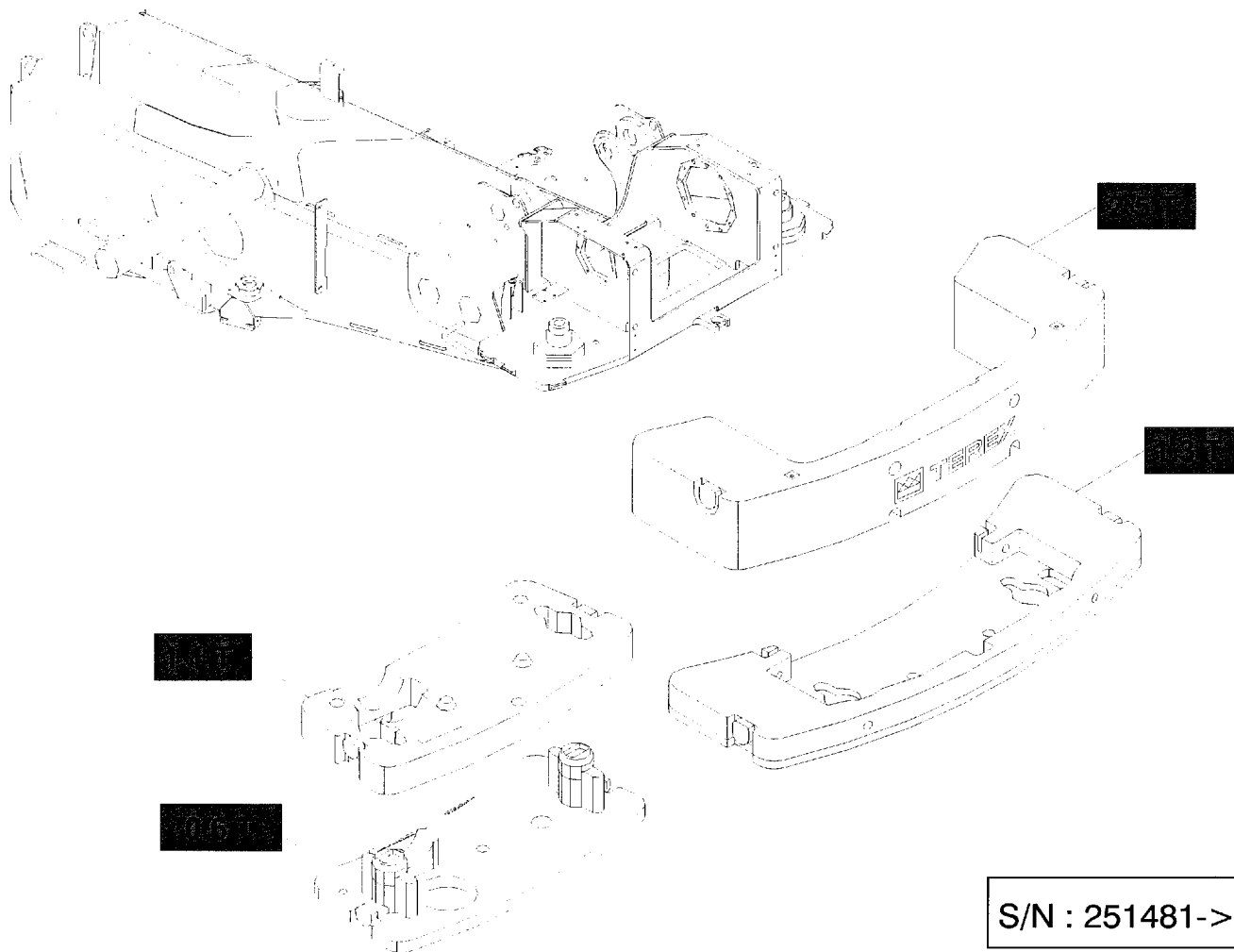
AC40/2L

75%

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 5,5 T

(For version 2x12 T one winch)

The counterweight identified in **grey** must be fitted on the upper





TEREX®

AC40/2L

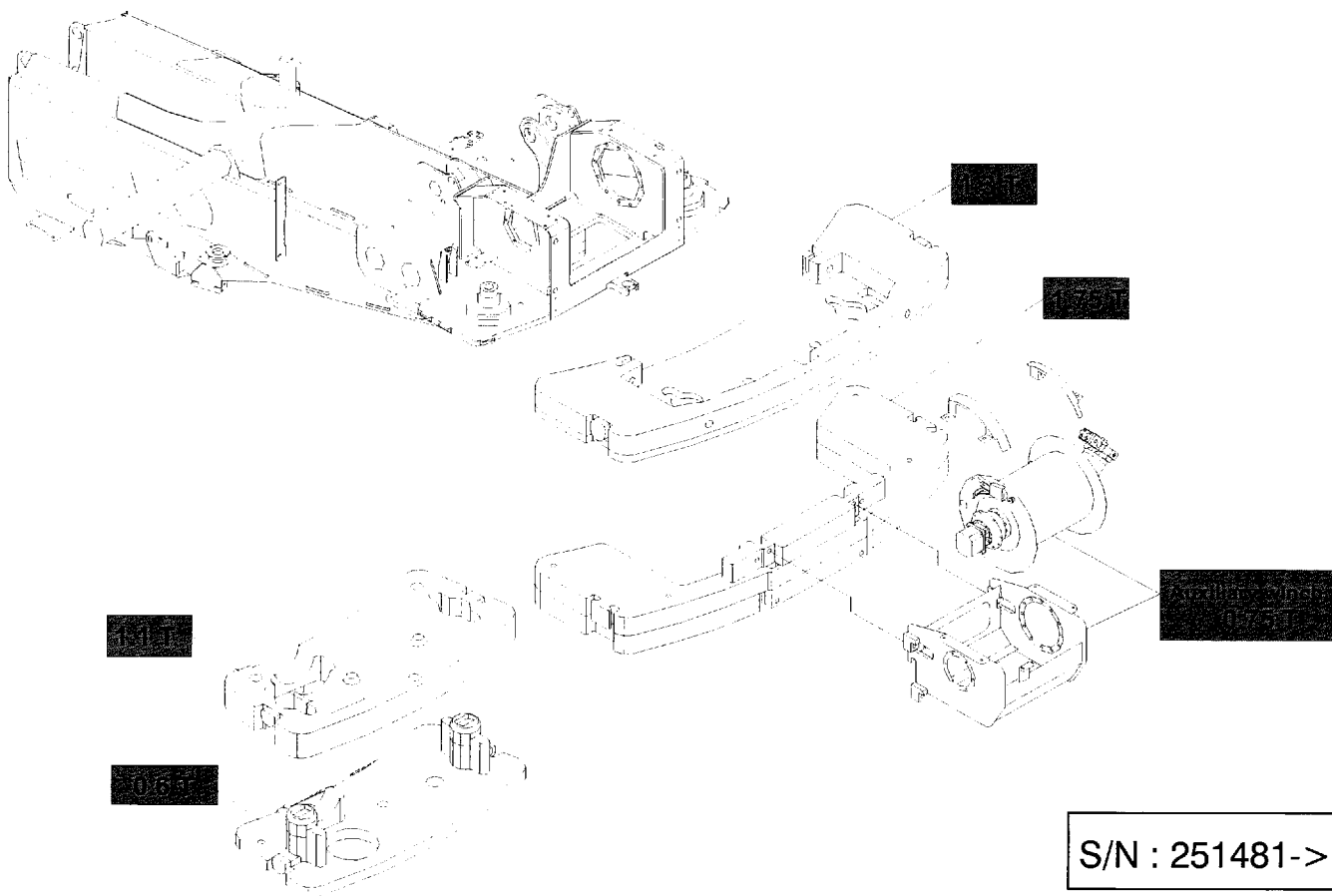
75%

40 METRIC TONS

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 5,5 T

(For version 2x12 T two winch)

The counterweight identified in **grey** must be fitted on the upper





TEREX®

40 METRIC TONS

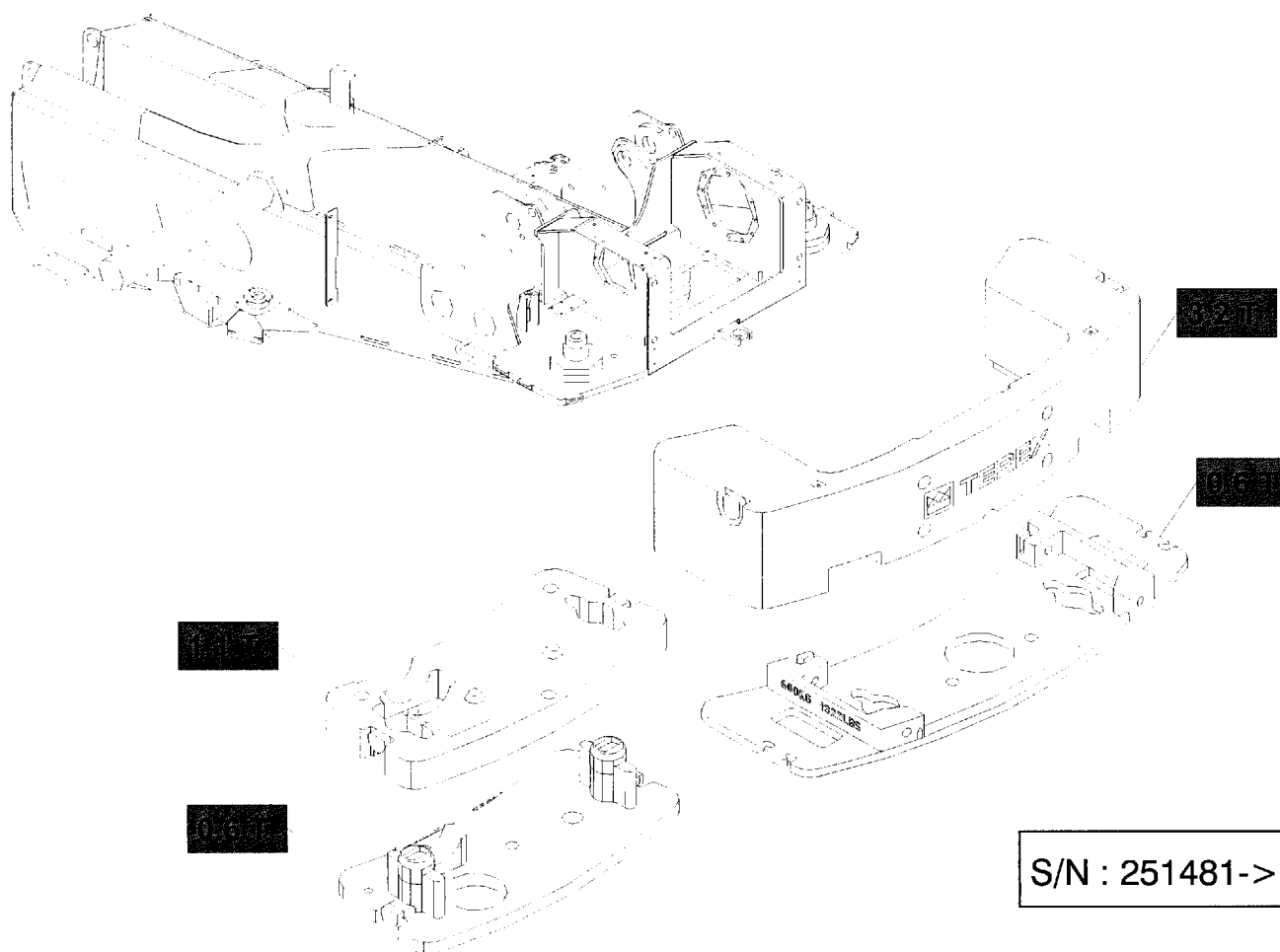
AC40/2L

75%

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 5,5 T

(For version 2x13 T one winch)

The counterweight identified in **grey** must be fitted on the upper





TEREX®

AC40/2L

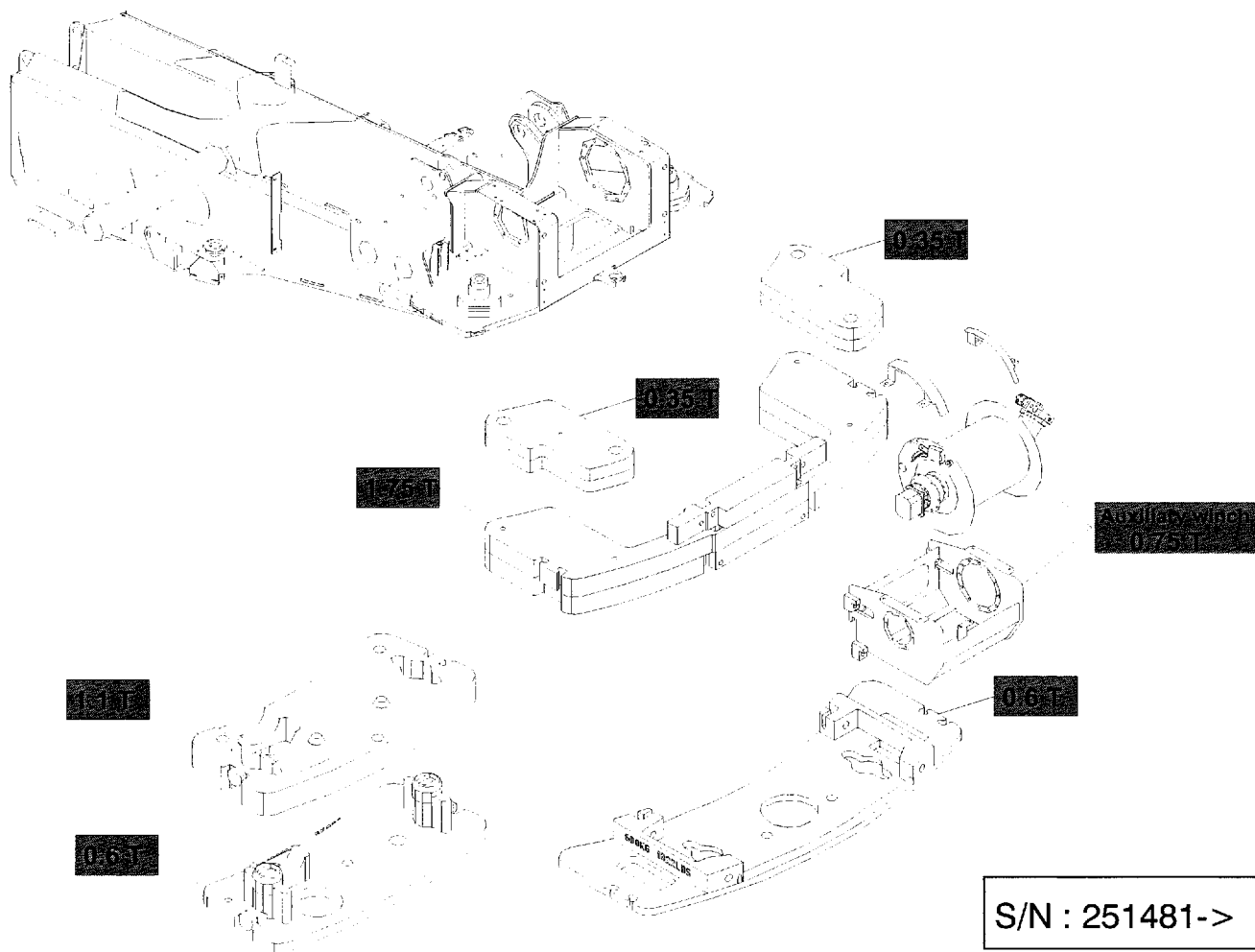
75%

40 METRIC TONS

COUNTERWEIGHT CONFIGUTATIONS IN LOAD VERSION 5,5 T

(For version 2x13 T two winch)

The counterweight identified in « grey » must be fitted on the upper





TEREX®

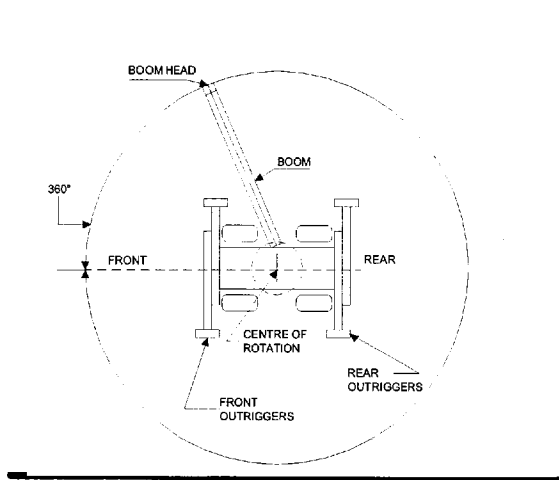
AC40/2L

75%

40 METRIC TONS

OPERATING ZONES ON OUTRIGGERS

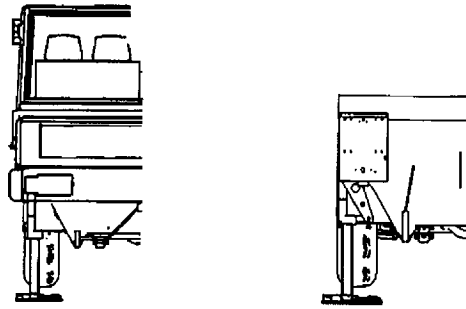
NOTE : These lines determine the positioning limits for all loads subjected to handling operations in the indicated working zones.



DIFFERENT OUTRIGGER CONFIGURATIONS FULLY RETRACTED BEAMS

Front beams

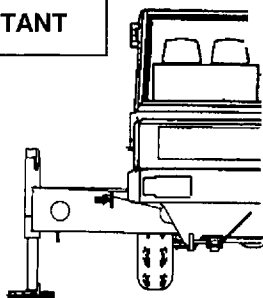
Rear beams



INTERMEDIATE EXTENSION Front beams

VERY IMPORTANT

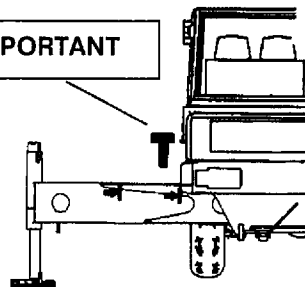
T



FULL EXTENSION Front beams

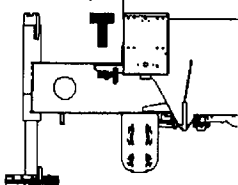
VERY IMPORTANT

T



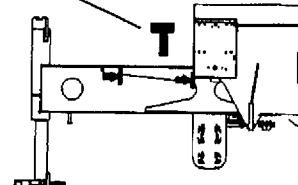
VERY IMPORTANT

Rear beams



VERY IMPORTANT

Rear beams



VERY IMPORTANT

The intermediate and fully extended outrigger positions are only correct if the outrigger beams are locked with their locking pins. The rear outriggers can only be correctly positioned by the beam EXTENSION function and NOT BY THE BEAM RETRACTION FUNCTION.

Example : To change from the fully extended position to the intermediate position the outrigger beams must firstly be fully retracted.

DO NOT FORGET TO REMOVE the locking pins before extending or retracting the outrigger beams.

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5.5t	360°	9,5m → 37,4m	Lmaxi (m): 30,5	mode 1	100 ABC

	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 50% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 16% t4= 16% t5= 16%		t2= 100% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 100% t3= 49,4% t4= 49,4% t5= 49,4%		
	9,5 m / (8)*		13,0 m / (7)*		16,5 m / (6)*		19,8 m / (5)*		23,5 m / (5)*		26,8 m / (4)*		
	79,8	32,00	79,8	31,2	79,8	25,95	79,8	17,80	79,8	18,10	79,8	14,45	
3,0	61,0	32,00	69,5	31,20	74,9	25,95	77,5	18,20					3,0
3,5	57,8	27,45	67,0	27,45	73,0	23,70	76,0	18,35	78,0	18,40			3,5
4,0	54,0	24,90	64,4	24,90	71,4	22,00	74,3	18,60	77,0	17,55			4,0
4,5	49,9	22,60	61,9	22,60	69,5	20,45	72,8	17,95	75,7	16,25	79,0	14,45	4,5
5,0	45,5	20,60	59,0	20,60	67,6	19,05	71,3	16,75	74,4	15,15	78,1	13,85	5,0
6,0	35,5	17,00	53,8	16,90	63,6	15,35	68,2	14,70	71,8	13,30	75,8	12,20	6,0
7,0	21,0	13,75	48,1	13,25	59,5	12,30	64,9	12,05	69,1	11,70	73,5	10,90	7,0
8,0			41,7	10,45	55,3	10,10	61,6	10,00	66,5	9,80	71,2	9,60	8,0
9,0			34,0	8,50	51,0	8,25	58,0	8,45	64,0	8,35	69,0	8,25	9,0
10,0			23,6	7,10	46,0	6,85	54,4	7,20	60,9	7,25	66,8	7,15	10,0
11,0					40,6	5,75	50,6	6,10	58,0	6,30	64,3	6,30	11,0
12,0					34,3	4,90	46,6	5,20	55,0	5,45	61,9	5,55	12,0
13,0					26,5	4,20	42,3	4,50	51,9	4,75	59,3	4,90	13,0
14,0					17,0	3,65	37,6	3,95	48,6	4,15	56,7	4,30	14,0
15,0							32,0	3,45	45,0	3,65	54,0	3,80	15,0
16,0							25,6	3,05	41,5	3,25	50,8	3,40	16,0
17,0							16,7	2,65	37,5	2,90	47,9	3,00	17,0
18,0									33,0	2,55	44,7	2,70	18,0
19,0									27,8	2,30	41,4	2,40	19,0
20,0									21,4	2,05	37,7	2,15	20,0
21,0									12,0	1,80	33,9	1,95	21,0
22,0											29,0	1,75	22,0
23,0											23,9	1,60	23,0
24,0											17,0	1,40	24,0
25,0													25,0
mini	0,0	7,65	0,0	4,56	0,0	2,80	0,0	2,05	0,0	1,45	0,0	0,95	mini



TEREX®

AC40/2L

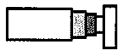
75%

40 METRIC TONS

		5,5t			9,5m → 37,4m		Lmaxi (m): 30,5		mode 1		100 ABC
--	--	------	--	--	--------------	--	-----------------	--	--------	--	---------

	t2= 100% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (3)*		34,1 m / (3)*		37,4 m / (2)*		
	79,8	10,00	79,8	7,45	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	10,00					6,0
7,0	74,0	9,65	78,3	7,45			7,0
8,0	72,0	8,80	77,0	7,45	78,4	5,55	8,0
9,0	69,8	8,00	75,2	7,05	77,0	5,35	9,0
10,0	67,5	7,05	73,4	6,70	75,5	5,00	10,0
11,0	65,2	6,20	71,4	6,10	73,8	4,65	11,0
12,0	62,9	5,50	69,4	5,45	72,3	4,40	12,0
13,0	60,5	4,95	67,5	4,90	70,8	4,15	13,0
14,0	58,2	4,40	65,5	4,40	69,3	3,95	14,0
15,0	55,7	3,90	63,1	4,00	68,0	3,70	15,0
16,0	53,0	3,50	61,0	3,60	66,0	3,45	16,0
17,0	50,5	3,15	58,7	3,20	63,9	3,20	17,0
18,0	48,3	2,80	56,6	2,80	61,8	2,80	18,0
19,0	45,7	2,55	54,5	2,60	59,7	2,60	19,0
20,0	43,1	2,30	52,3	2,35	57,6	2,45	20,0
21,0	40,3	2,05	50,0	2,15	55,3	2,20	21,0
22,0	37,3	1,85	47,7	1,95	53,1	2,00	22,0
23,0	34,1	1,70	45,3	1,75	50,8	1,80	23,0
24,0	30,6	1,50	42,7	1,60	48,4	1,65	24,0
25,0	26,8	1,35	40,0	1,45	46,0	1,50	25,0
26,0	22,3	1,25	37,2	1,30	43,4	1,40	26,0
27,0	17,0	1,10	34,1	1,20	40,7	1,25	27,0
28,0	11,0	1,00	30,5	1,05	37,9	1,15	28,0
29,0			26,7	0,95	35,0	1,05	29,0
30,0			22,3	0,85	32,1	0,95	30,0
31,0			17,0	0,80	29,0	0,85	31,0
32,0					24,5	0,75	32,0
33,0					20,0	0,65	33,0
34,0					16,0	0,60	34,0
mini	0,0	0,60	14,0		14,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 5,5t	 360°	 9,5m → 37,4m	 Lmaxi (m) 34,1	 *	2	 100 ABC
---	---	---	--	---	---	----------	--

	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 0% t3= 16,7% t4= 16,7% t5= 16,7%		t2= 0% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 0% t3= 49,3% t4= 49,3% t5= 49,3%		t2= 0% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 0% t3= 82,6% t4= 82,6% t5= 82,6%		
	9,5 m / (8)*		13,0 m / (6)*		16,5 m / (5)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	32,00	79,8	17,4	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	32,00	67,5	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	27,45	65,0	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	24,90	62,5	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	22,60	59,5	20,75	67,5	19,65	73,0	16,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	20,60	56,5	20,60	65,4	18,70	71,5	15,45	74,6	11,45	77,5	9,60	5,0
6,0	35,5	17,00	51,0	17,00	61,7	17,00	68,5	14,00	72,0	10,45	75,0	8,80	6,0
7,0	21,0	13,75	44,7	14,20	57,3	13,85	65,5	12,75	69,5	9,55	72,5	8,10	7,0
8,0			38,0	11,30	53,0	11,50	62,0	11,20	65,9	8,75	70,0	7,45	8,0
9,0			30,0	9,30	49,0	9,50	58,3	9,50	62,9	8,05	67,5	6,90	9,0
10,0			19,5	7,85	44,5	8,00	54,5	8,00	59,7	7,45	64,7	6,40	10,0
11,0					39,0	6,70	50,5	6,70	56,5	6,70	62,4	6,00	11,0
12,0					32,5	6,00	46,3	6,00	53,0	6,00	59,6	5,55	12,0
13,0					25,2	5,20	41,0	5,20	49,5	5,20	57,0	5,20	13,0
14,0					14,0	4,60	36,0	4,60	46,0	4,60	54,0	4,60	14,0
15,0							30,2	4,00	42,5	4,00	51,3	4,00	15,0
16,0							23,5	3,60	37,5	3,60	48,3	3,60	16,0
17,0							14,0	3,20	33,0	3,20	45,5	3,20	17,0
18,0									28,0	2,80	42,5	2,80	18,0
19,0									22,5	2,60	39,0	2,60	19,0
20,0									16,0	2,50	35,0	2,50	20,0
21,0									9,0	2,30	30,8	2,30	21,0
22,0											25,5	2,00	22,0
23,0											19,0	1,80	23,0
24,0											11,5	1,70	24,0
25,0													25,0
mini	0,0	7,65	0,0	5,20	0,0	3,75	0,0	2,75	0,0	2,00	0,0	1,40	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5,5t	360°	9,5m → 37,4m	Lmaxi (m): 34,1		mode 2	100 ABC
--	------	------	--------------	-----------------	--	------------------	------------

	t2= 0% t3= 100% t4= 100% t5= 100%		t2= 52% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (2)*		34,1 m / (2)*		37,4 m / (2)*		
	79,8	6,40	79,8	6,00	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	78,0	6,40					6,0
7,0	76,0	5,80	76,9	6,00			7,0
8,0	74,0	5,35	75,4	5,60	78,6	5,55	8,0
9,0	72,0	4,85	73,8	5,20	77,2	5,35	9,0
10,0	69,7	4,45	72,0	4,80	75,8	5,00	10,0
11,0	67,6	4,05	70,5	4,50	74,0	4,65	11,0
12,0	65,5	3,75	68,7	4,15	72,3	4,40	12,0
13,0	63,3	3,45	66,8	3,85	70,6	4,15	13,0
14,0	61,2	3,15	64,9	3,60	68,9	3,95	14,0
15,0	58,9	2,90	62,9	3,35	66,9	3,70	15,0
16,0	56,5	2,70	61,0	3,10	65,0	3,45	16,0
17,0	54,0	2,45	58,9	2,90	63,0	3,20	17,0
18,0	51,4	2,30	56,8	2,70	61,0	2,80	18,0
19,0	48,5	2,10	55,0	2,55	59,0	2,60	19,0
20,0	45,9	1,95	52,4	2,35	57,0	2,45	20,0
21,0	42,8	1,80	49,9	2,25	54,7	2,20	21,0
22,0	39,8	1,70	47,3	2,00	52,6	2,00	22,0
23,0	36,3	1,55	44,8	1,80	50,3	1,80	23,0
24,0	32,7	1,45	42,0	1,70	48,0	1,65	24,0
25,0	28,6	1,35	39,2	1,50	45,5	1,50	25,0
26,0	24,0	1,25	36,1	1,40	43,1	1,40	26,0
27,0	18,5	1,15	32,8	1,30	40,4	1,25	27,0
28,0	12,0	1,05	29,0	1,20	37,7	1,15	28,0
29,0			25,1	1,10	35,0	1,05	29,0
30,0			21,0	1,00	31,5	0,95	30,0
31,0			16,5	0,95	28,0	0,85	31,0
32,0					24,5	0,70	32,0
33,0							33,0
mini	0,0	0,80	0,0	0,60	21,0		mini

40 METRIC TONS

	 5.5t		 9,5m → 37,4m	 Lmaxi (m) 30,5	 *	mode 1	 111 ABC
---	--	---	--	---	---	-----------	--

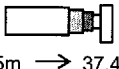
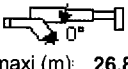
	t2= 0% t3= 0% t4= 0% t5= 0%		t2= 50% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 0% t4= 0% t5= 0%		t2= 100% t3= 16% t4= 16% t5= 16%		t2= 100% t3= 33,4% t4= 33,4% t5= 33,4%		t2= 100% t3= 49,4% t4= 49,4% t5= 49,4%		
	9,5 m / (8)*		13,0 m / (8)*		16,5 m / (6)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
		79,8	40,00	79,8	31,2	79,8	25,95	79,8	17,80	79,8	18,10	79,8	
2,6	64,0	40,00											2,6
3,0	61,0	35,00	69,5	31,20	74,9	25,95	77,5	18,20					3,0
3,5	57,8	30,15	67,0	27,45	73,0	23,70	76,0	18,35	78,0	18,40			3,5
4,0	54,0	27,75	64,4	24,90	71,4	22,00	74,3	18,60	77,0	17,55			4,0
4,5	49,9	25,00	61,9	22,60	69,5	20,45	72,8	17,95	75,7	16,25	79,0	14,45	4,5
5,0	45,5	22,30	59,0	20,60	67,6	19,05	71,3	16,75	74,4	15,15	78,1	13,85	5,0
6,0	35,5	17,80	53,8	16,90	63,6	15,35	68,2	14,70	71,8	13,30	75,8	12,20	6,0
7,0	21,0	13,75	48,1	13,25	59,5	12,30	64,9	12,05	69,1	11,70	73,5	10,90	7,0
8,0			41,7	10,45	55,3	10,10	61,6	10,00	66,5	9,80	71,2	9,60	8,0
9,0			34,0	8,50	51,0	8,25	58,0	8,45	64,0	8,35	69,0	8,25	9,0
10,0			23,6	7,10	46,0	6,85	54,4	7,20	60,9	7,25	66,8	7,15	10,0
11,0					40,6	5,75	50,6	6,10	58,0	6,30	64,3	6,30	11,0
12,0					34,3	4,90	46,6	5,20	55,0	5,45	61,9	5,55	12,0
13,0					26,5	4,20	42,3	4,50	51,9	4,75	59,3	4,90	13,0
14,0					17,0	3,65	37,6	3,95	48,6	4,15	56,7	4,30	14,0
15,0							32,0	3,45	45,0	3,65	54,0	3,80	15,0
16,0							25,6	3,05	41,5	3,25	50,8	3,40	16,0
17,0							16,7	2,65	37,5	2,90	47,9	3,00	17,0
18,0									33,0	2,55	44,7	2,70	18,0
19,0									27,8	2,30	41,4	2,40	19,0
20,0									21,4	2,05	37,7	2,15	20,0
21,0									12,0	1,80	33,9	1,95	21,0
22,0											29,0	1,75	22,0
23,0											23,9	1,60	23,0
24,0											17,0	1,40	24,0
25,0													25,0
mini	0,0	7,85	0,0	4,56	0,0	2,80	0,0	2,05	0,0	1,45	0,0	0,95	mini

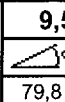
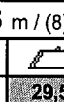
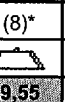
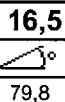
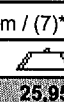
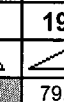
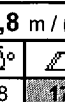
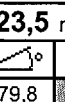
**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5,5t	0°	9,5m → 37,4m	Lmaxi (m): 30,5		mode 1	111 ABC
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	t2= 100% t3= 66,7% t4= 66,7% t5= 66,7%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		
	30,5 m / (3)*		34,1 m / (2)*		37,4 m / (2)*		
	79,8	10,00	79,8	7,45	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	10,00					6,0
7,0	74,0	9,65	78,3	7,45			7,0
8,0	72,0	8,80	77,0	7,45	78,4	5,55	8,0
9,0	69,8	8,00	75,2	7,05	77,0	5,35	9,0
10,0	67,5	7,05	73,4	6,70	75,5	5,00	10,0
11,0	65,2	6,20	71,4	6,10	73,8	4,65	11,0
12,0	62,9	5,50	69,4	5,45	72,3	4,40	12,0
13,0	60,5	4,95	67,5	4,90	70,8	4,15	13,0
14,0	58,2	4,40	65,5	4,40	69,3	3,95	14,0
15,0	55,7	3,90	63,1	4,00	68,0	3,70	15,0
16,0	53,0	3,50	61,0	3,60	66,0	3,45	16,0
17,0	50,5	3,15	58,7	3,20	63,9	3,20	17,0
18,0	48,3	2,80	56,6	2,80	61,8	2,80	18,0
19,0	45,7	2,55	54,5	2,60	59,7	2,60	19,0
20,0	43,1	2,30	52,3	2,35	57,6	2,45	20,0
21,0	40,3	2,05	50,0	2,15	55,3	2,20	21,0
22,0	37,3	1,85	47,7	1,95	53,1	2,00	22,0
23,0	34,1	1,70	45,3	1,75	50,8	1,80	23,0
24,0	30,6	1,50	42,7	1,60	48,4	1,65	24,0
25,0	26,8	1,35	40,0	1,45	46,0	1,50	25,0
26,0	22,3	1,25	37,2	1,30	43,4	1,40	26,0
27,0	17,0	1,10	34,1	1,20	40,7	1,25	27,0
28,0	11,0	1,00	30,5	1,05	37,9	1,15	28,0
29,0			26,7	0,95	35,0	1,05	29,0
30,0			22,3	0,85	32,1	0,95	30,0
31,0			17,0	0,80	29,0	0,85	31,0
32,0					24,5	0,75	32,0
33,0					20,0	0,65	33,0
34,0					16,0	0,60	34,0
mini	0,0	0,60	14,0		14,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	 5,5t	 360°	 9,5m → 37,4m	 Lmaxi (m) 26,8	 *	mode 1		101 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 50% T3 = 0% T4 = 0% T5 = 0%		T2 = 100% T3 = 0% T4 = 0% T5 = 0%		T2 = 100% T3 = 16% T4 = 16% T5 = 16%		T2 = 100% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 100% T3 = 49,4% T4 = 49,4% T5 = 49,4%		
	9,5 m / (8)*		13,0 m / (8)*		16,5 m / (7)*		19,8 m / (5)*		23,5 m / (5)*		26,8 m / (4)*		
													
	79,8	29,55	79,8	29,55	79,8	25,95	79,8	17,80	79,8	18,10	79,8	14,45	
3,0	61,0	29,55	69,5	29,55	74,9	25,95	77,5	18,20					3,0
3,5	57,8	26,30	67,0	26,30	73,0	23,70	76,0	18,35	78,0	18,40			3,5
4,0	54,0	23,60	64,4	23,60	71,4	21,45	74,3	18,60	77,0	17,55			4,0
4,5	49,9	21,35	61,9	20,20	69,5	18,00	72,8	17,15	75,7	16,20	79,0	14,45	4,5
5,0	45,5	19,45	59,0	17,20	67,6	15,40	71,3	14,80	74,4	14,15	78,1	13,55	5,0
6,0	35,5	14,65	53,8	13,05	63,6	11,80	68,2	11,50	71,8	11,15	75,8	10,80	6,0
7,0	21,0	11,05	48,1	10,40	59,5	9,40	64,9	9,30	69,1	9,10	73,5	8,90	7,0
8,0			41,7	8,30	55,3	7,70	61,6	7,70	66,5	7,60	71,2	7,45	8,0
9,0			34,0	6,70	51,0	6,45	58,0	6,45	64,0	6,45	69,0	6,35	9,0
10,0			23,6	5,50	46,0	5,30	54,4	5,50	60,9	5,55	66,8	5,50	10,0
11,0					40,6	4,40	50,6	4,70	58,0	4,80	64,3	4,80	11,0
12,0					34,3	3,70	46,6	4,00	55,0	4,20	61,9	4,20	12,0
13,0					26,5	3,15	42,3	3,40	51,9	3,65	59,3	3,70	13,0
14,0					17,0	2,65	37,6	2,95	48,6	3,15	56,7	3,30	14,0
15,0							32,0	2,55	45,0	2,75	54,0	2,90	15,0
16,0							25,6	2,20	41,5	2,40	50,8	2,55	16,0
17,0							16,7	1,90	37,5	2,10	47,9	2,25	17,0
18,0									33,0	1,85	44,7	1,95	18,0
19,0									27,8	1,60	41,4	1,75	19,0
20,0									21,4	1,40	37,7	1,55	20,0
21,0									12,0	1,20	33,9	1,35	21,0
22,0											29,0	1,20	22,0
23,0											23,9	1,05	23,0
24,0											17,0	0,90	24,0
25,0													25,0
mini	0,0	7,65	0,0	4,45	0,0	2,25	0,0	1,40	0,0	0,85	0,0	0,50	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5,5t		9,5m → 37,4m	Lmaxi (m): 26,8		mode 1	101 ABC
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	T2 = 100% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 100% T3 = 84% T4 = 84% T5 = 84%		T2 = 100% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (3)*		34,1 m / (3)*		37,4 m / (2)*		
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	75,8	10,00					6,0
7,0	74,0	8,65	78,3	7,45			7,0
8,0	72,0	7,30	77,0	7,10	78,4	5,55	8,0
9,0	69,8	6,25	75,2	6,15	77,0	5,35	9,0
10,0	67,5	5,45	73,4	5,35	75,5	5,00	10,0
11,0	65,2	4,75	71,4	4,70	73,8	4,65	11,0
12,0	62,9	4,20	69,4	4,15	72,3	4,10	12,0
13,0	60,5	3,70	67,5	3,70	70,8	3,65	13,0
14,0	58,2	3,30	65,5	3,30	69,3	3,30	14,0
15,0	55,7	2,95	63,1	2,95	68,0	2,95	15,0
16,0	53,0	2,65	61,0	2,65	66,0	2,65	16,0
17,0	50,5	2,35	58,7	2,40	63,9	2,40	17,0
18,0	48,3	2,10	56,6	2,15	61,8	2,15	18,0
19,0	45,7	1,85	54,5	1,95	59,7	1,95	19,0
20,0	43,1	1,65	52,3	1,70	57,6	1,75	20,0
21,0	40,3	1,45	50,0	1,55	55,3	1,60	21,0
22,0	37,3	1,30	47,7	1,35	53,1	1,45	22,0
23,0	34,1	1,15	45,3	1,20	50,8	1,30	23,0
24,0	30,6	1,00	42,7	1,10	48,4	1,15	24,0
25,0	26,8	0,85	40,0	0,95	46,0	1,00	25,0
26,0	22,3	0,75	37,2	0,85	43,4	0,90	26,0
27,0	17,0	0,65	34,1	0,75	40,7	0,80	27,0
28,0			30,5	0,65	37,9	0,70	28,0
29,0					35,0	0,60	29,0



TEREX®

AC40/2L

75%

40 METRIC TONS

	5,5t		9,5m → 37,4m	Lmaxi (m) 34,1		2	101 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 0% T3 = 49,3% T4 = 49,3% T5 = 49,3%		T2 = 0% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 0% T3 = 82,6% T4 = 82,6% T5 = 82,6%		
	9,5 m / (8)*		13,0 m / (6)*		16,5 m / (5)*		19,8 m / (5)*		23,5 m / (4)*		26,8 m / (3)*		
													
	79,8	29,55	79,8	17,40	79,8	17,70	79,8	18,20	79,8	13,45	79,8	10,05	
3,0	61,0	29,55	67,5	19,30	73,0	18,95	77,0	18,95					3,0
3,5	57,8	26,30	65,0	19,70	71,0	19,25	75,9	18,20	78,9	13,45			3,5
4,0	54,0	23,60	62,5	20,20	69,3	19,55	74,3	17,30	77,0	12,80			4,0
4,5	49,9	21,35	59,5	20,75	67,5	19,65	73,0	16,40	75,9	12,05	78,5	10,05	4,5
5,0	45,5	19,45	56,5	18,45	65,4	17,30	71,5	15,45	74,6	11,45	77,5	9,60	5,0
6,0	35,5	14,65	51,0	14,15	61,7	13,50	68,5	12,90	72,0	10,45	75,0	8,80	6,0
7,0	21,0	11,05	44,7	11,40	57,3	10,95	65,5	10,55	69,5	9,55	72,5	8,10	7,0
8,0			38,0	9,15	53,0	9,15	62,0	8,90	65,9	8,60	70,0	7,45	8,0
9,0			30,0	7,50	49,0	7,70	58,3	7,60	62,9	7,40	67,5	6,90	9,0
10,0			19,5	6,25	44,5	6,50	54,5	6,60	59,7	6,45	64,7	6,30	10,0
11,0					39,0	5,55	50,5	5,65	56,5	5,70	62,4	5,55	11,0
12,0					32,5	4,80	46,3	4,90	53,0	5,00	59,6	4,95	12,0
13,0					25,2	4,20	41,0	4,30	49,5	4,40	57,0	4,45	13,0
14,0					14,0	3,70	36,0	3,80	46,0	3,90	54,0	3,95	14,0
15,0							30,2	3,40	42,5	3,45	51,3	3,50	15,0
16,0							23,5	3,00	37,5	3,10	48,3	3,15	16,0
17,0							14,0	2,70	33,0	2,80	45,5	2,85	17,0
18,0									28,0	2,50	42,5	2,55	18,0
19,0									22,5	2,25	39,0	2,35	19,0
20,0									16,0	2,05	35,0	2,10	20,0
21,0									9,0	1,85	30,8	1,90	21,0
22,0											25,5	1,75	22,0
23,0											19,0	1,60	23,0
24,0											11,5	1,45	24,0
25,0													25,0
mini	0,0	7,65	0,0	5,19	0,0	3,35	0,0	2,25	0,0	1,55	0,0	1,10	mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5,5t	360°	9,5m → 37,4m	Lmaxi (m): 34,1		mode 2	101 ABC
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	T2 = 0% T3 = 100% T4 = 100% T5 = 100%		T2 = 52% T3 = 100% T4 = 100% T5 = 100%		T2 = 100% T3 = 100% T4 = 100% T5 = 100%		
	30,5 m / (2)*		34,1 m / (2)*		37,4 m / (2)*		
							
	79,8	6,40	79,8	6,00	79,8	5,55	
3,0							3,0
3,5							3,5
4,0							4,0
4,5							4,5
5,0							5,0
6,0	78,0	6,40					6,0
7,0	76,0	5,80	76,9	6,00			7,0
8,0	74,0	5,35	75,4	5,80	78,6	5,55	8,0
9,0	72,0	4,85	73,8	5,20	77,2	5,35	9,0
10,0	69,7	4,45	72,0	4,80	75,8	5,00	10,0
11,0	67,6	4,05	70,5	4,50	74,0	4,65	11,0
12,0	65,5	3,75	68,7	4,15	72,3	4,10	12,0
13,0	63,3	3,45	66,8	3,85	70,6	3,65	13,0
14,0	61,2	3,15	64,9	3,55	68,9	3,30	14,0
15,0	58,9	2,90	62,9	3,25	66,9	2,95	15,0
16,0	56,5	2,70	61,0	2,90	65,0	2,65	16,0
17,0	54,0	2,45	58,9	2,65	63,0	2,40	17,0
18,0	51,4	2,30	56,8	2,40	61,0	2,15	18,0
19,0	48,5	2,10	55,0	2,15	59,0	1,95	19,0
20,0	45,9	1,95	52,4	1,95	57,0	1,75	20,0
21,0	42,8	1,80	49,9	1,75	54,7	1,60	21,0
22,0	39,8	1,70	47,3	1,60	52,6	1,45	22,0
23,0	36,3	1,55	44,8	1,45	50,3	1,30	23,0
24,0	32,7	1,45	42,0	1,30	48,0	1,15	24,0
25,0	28,6	1,35	39,2	1,15	45,5	1,00	25,0
26,0	24,0	1,25	36,1	1,05	43,1	0,90	26,0
27,0	18,5	1,15	32,8	0,95	40,4	0,80	27,0
28,0	12,0	1,05	29,0	0,85	37,7	0,70	28,0
29,0			25,1	0,75	35,0	0,60	29,0
30,0			21,0	0,65			30,0
31,0			16,5	0,60			31,0
mini	0,0	0,70	14,0		33,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5,5t		9,5m → 30,5m	Lmaxi (m): 19,8		mode 2	102 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		T2 = 0% T3 = 49,3% T4 = 49,3% T5 = 49,3%		T2 = 0% T3 = 66,7% T4 = 66,7% T5 = 66,7%		T2 = 0% T3 = 82,6% T4 = 82,6% T5 = 82,6%		
	9,5 m / (4)*		13,0 m / (4)*		16,5 m / (4)*		19,8 m / (3)*		23,5 m / (3)*		26,8 m / (2)*		
													
	79,8	13,90	79,8	13,05	79,8	12,20	79,8	11,40	79,8	9,20	79,8	6,80	
3,0	61,0	13,25	67,5	12,40	73,0	11,60	77,0	10,90					3,0
3,5	57,8	10,90	65,0	10,40	71,0	9,85	75,9	9,30	78,9	8,80			3,5
4,0	54,0	9,20	62,5	8,90	69,3	8,50	74,3	8,10	77,0	7,70			4,0
4,5	49,9	7,90	59,5	7,70	67,5	7,40	73,0	7,10	75,9	6,80	78,5	6,50	4,5
5,0	45,5	6,85	56,5	6,75	65,4	6,55	71,5	6,30	74,6	6,05	77,5	5,85	5,0
6,0	35,5	5,25	51,0	5,30	61,7	5,20	68,5	5,10	72,0	4,90	75,0	4,75	6,0
7,0	21,0	4,00	44,7	4,30	57,3	4,25	65,5	4,15	69,5	4,05	72,5	3,95	7,0
8,0			38,0	3,50	53,0	3,50	62,0	3,50	65,9	3,40	70,0	3,35	8,0
9,0			30,0	2,85	49,0	2,95	58,3	2,95	62,9	2,90	67,5	2,85	9,0
10,0			19,5	2,30	44,5	2,50	54,5	2,50	59,7	2,45	64,7	2,45	10,0
11,0					39,0	2,10	50,5	2,10	56,5	2,10	62,4	2,10	11,0
12,0					32,5	1,75	46,3	1,80	53,0	1,80	59,6	1,80	12,0
13,0					25,2	1,45	41,0	1,55	49,5	1,55	57,0	1,55	13,0
14,0					14,0	1,20	36,0	1,30	46,0	1,35	54,0	1,35	14,0
15,0							30,2	1,10	42,5	1,15	51,3	1,15	15,0
16,0							23,5	0,90	37,5	1,00	48,3	1,00	16,0
17,0							14,0	0,75	33,0	0,85	45,5	0,85	17,0
18,0									28,0	0,70	42,5	0,70	18,0
19,0											39,0	0,60	19,0
mini	0,0	3,60	0,0	1,55	0,0	0,80	0,0	0,50	25,0		37,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5,5t	360°	9,5m → 30,5m	0°	*	mode 2	102 ABC
				Lmaxi (m):	19,8		

	T2 = 0% T3 = 100% T4 = 100% T5 = 100%		
	30,4 m / (2)*		
	79,8	4,75	
3,0			3,0
3,5			3,5
4,0			4,0
4,5			4,5
5,0			5,0
6,0	78,0	4,60	6,0
7,0	76,0	3,85	7,0
8,0	74,0	3,25	8,0
9,0	72,0	2,80	9,0
10,0	69,7	2,40	10,0
11,0	67,6	2,05	11,0
12,0	65,5	1,80	12,0
13,0	63,3	1,55	13,0
14,0	61,2	1,35	14,0
15,0	58,9	1,15	15,0
16,0	56,5	1,00	16,0
17,0	54,0	0,85	17,0
18,0	51,4	0,70	18,0
19,0	48,5	0,60	19,0
mini	46,0		mini

**TEREX®****AC40/2L****75%****40 METRIC TONS**

	5.5t	360°	9,5-37,4	Lmaxi (m): 29	8 m		

	t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 84% t4= 84% t5= 84%		t2= 100% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%		t2= 100% t3= 100% t4= 100% t5= 100%											
(m)	34,1 + 8		34,1 + 8		34,1 + 8		37,5+ 8		37,5+ 8		37,5+ 8		(m)									
	(1)* 0° **  103		(1)* 20° **  104		(1)* 40° **  105		(1)* 0° **  103		(1)* 20° **  104		(1)* 40° **  105											
																						
79,8		3,20	79,8		1,90		79,8		1,40		79,8		2,80		79,8		1,80		79,8		1,35	
3,0																						
3,5																						
4,0																						
4,5																						
5,0																						
6,0																						
7,0																						
8,0																						
9,0	76,0	3,20																				
10,0	74,7	3,00						78,0	2,80													
11,0	73,3	2,90	76,3	1,90				77,0	2,70													
12,0	72,0	2,70	75,0	1,80				75,9	2,70	78,0	1,80											
13,0	70,4	2,60	73,6	1,75	76,4	1,40	74,8	2,60	76,6	1,75												
14,0	69,0	2,45	72,2	1,70	75,0	1,35	73,5	2,50	75,4	1,70	78,0	1,35	14,0									
15,0	67,6	2,35	70,7	1,65	73,6	1,35	72,2	2,35	74,2	1,65	76,7	1,35	15,0									
16,0	66,2	2,25	69,3	1,60	72,1	1,30	70,8	2,25	73,0	1,60	75,4	1,30	16,0									
17,0	64,8	2,15	67,8	1,55	70,5	1,30	69,5	2,15	71,8	1,60	74,0	1,30	17,0									
18,0	63,4	2,10	66,3	1,55	69,0	1,25	68,3	2,05	70,6	1,55	72,7	1,25	18,0									
19,0	61,9	2,00	64,8	1,50	67,5	1,25	66,9	1,95	69,1	1,50	71,3	1,25	19,0									
20,0	60,4	1,95	63,3	1,45	65,9	1,25	65,6	1,85	67,8	1,50	69,9	1,25	20,0									
21,0	58,9	1,85	61,7	1,45	64,3	1,25	64,0	1,80	66,5	1,45	68,5	1,25	21,0									
22,0	57,0	1,80	60,1	1,40	62,6	1,20	62,5	1,75	65,2	1,40	67,1	1,20	22,0									
23,0	55,2	1,75	58,6	1,40	60,8	1,20	60,8	1,65	63,9	1,40	65,7	1,20	23,0									
24,0	53,3	1,70	57,0	1,35	59,0	1,20	59,2	1,60	62,5	1,40	64,0	1,20	24,0									
25,0	51,4	1,65	55,0	1,35	56,9	1,20	57,5	1,50	61,0	1,35	62,5	1,20	25,0									
26,0	49,4	1,50	53,0	1,30	54,8	1,20	55,9	1,45	59,3	1,30	60,8	1,20	26,0									
27,0	47,4	1,40	50,9	1,30	52,7	1,20	54,1	1,40	57,5	1,30	59,1	1,20	27,0									
28,0	45,3	1,25	48,7	1,25	50,5	1,20	52,3	1,30	55,8	1,25	57,3	1,20	28,0									
29,0	43,1	1,15	46,5	1,25	48,3	1,20	50,5	1,15	53,9	1,20	55,5	1,15	29,0									
30,0	40,9	1,05	44,3	1,15	45,9	1,20	48,6	1,05	52,1	1,15	53,5	1,15	30,0									
31,0	38,6	0,95	41,9	1,05	43,5	1,05	46,8	0,95	50,1	1,05	51,6	1,10	31,0									
32,0	36,0	0,85	39,5	0,95	40,9	0,95	44,9	0,90	48,2	0,95	49,5	1,00	32,0									
33,0	33,6	0,80	37,0	0,85	38,0	0,85	43,0	0,80	46,0	0,90	47,4	0,90	33,0									
34,0	30,5	0,70	34,6	0,75	35,2	0,80	40,8	0,75	44,0	0,80	45,0	0,80	34,0									
35,0	27,3	0,65	31,8	0,70	32,0	0,70	38,6	0,65	41,7	0,70	42,5	0,75	35,0									
36,0	24,1	0,55	28,6	0,60	28,6	0,60	36,3	0,60	39,8	0,65	40,0	0,65	36,0									
37,0	20,5	0,50	25,0	0,55	24,9	0,50	33,9	0,50	37,6	0,55	37,9	0,60	37,0									
38,0									35,2	0,50	35,5	0,50	38,0									
mini	18,0		23,0		23,0		32,0		33,0		33,0		mini									

**LOAD DETERMINATION ACCORDING TO THE EXTENSION USED AND ITS OFFSET
ANGLE AT UNDEFINED BOOM LENGTHS.****ITS OFFSET ANGLE AT UNDEFINED BOOM LENGTHS**

Whenever an extension is used at a given offset for a boom length different from those mentioned in the load capacity charts (i.e. 34.10m, 37.40m).

The following rules should be followed.

If the selected boom length (L3) is in between two lengths (34.10m and 37.40m) which appear in the load capacity chart (L1,L2) the authorized load is calculated by interpolation between the greatest length (L1) and the shortest length (L2) at the working radius.

Example : cp 3,8 T

8 m extension at 0°. Selected length : L3 = 36 m. Radius = 20m.

L1 = 37,40 m L2 = 34,10 m L3 = 36 m

Load for L1 at 20 m = 1,85 t (Q1)

Load for L2 at 20 m = 1,95 t (Q2)

Load for L3=36 m at 20 m = 1,89 t (Q3)

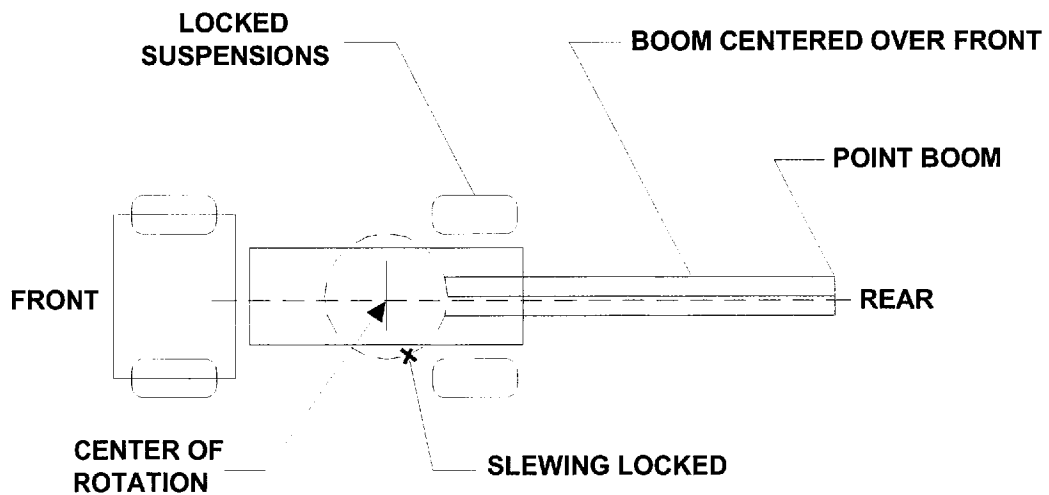
$$Q3 = (Q2 - Q1) \times \frac{(L1 - L3)}{(L1 - L2)} + Q1 = 1,89T.$$

If the selected boom length is less than the minimum boom length (that is < 34.10 m) defined in the capacity charts then the authorized load is calculated in relation to the derricking angle corresponding to the minimum defined boom length (34.10m), **The radius is not taken into account.**



AREAS OF OPERATIONS ON TIRES

NOTE : These lines determine the limiting position of any load undergoing handling operations within the working areas indicated..



**TEREX®****AC40/2L****66%****40 METRIC TONS**

		5,5t		9,5m → 13m	0°	*	mode 2		11 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		
	9,5 m / (3)*		13,0 m / (3)*		
	65,0		65,0		
3,0	61,0	8,00			3,0
3,5	57,0	6,75			3,5
4,0	53,1	5,80	62,8	6,45	4,0
4,5	49,0	5,00	60,0	5,65	4,5
5,0	45,0	4,35	57,0	4,95	5,0
6,0	34,5	3,35	51,5	3,85	6,0
7,0	19,0	2,60	45,6	3,05	7,0
8,0			38,9	2,45	8,0
9,0			31,0	1,95	9,0
10,0			20,6	1,55	10,0
11,0					11,0
mini	0,0	2,25	0,0	1,00	mini

**TEREX®****AC40/2L****66%****40 METRIC TONS**

		5,5t	0°	9,5m → 16,5	Lmaxi (m): 16,5	*	mode 2		1 ABC
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	T2 = 0% T3 = 0% T4 = 0% T5 = 0%		T2 = 0% T3 = 16,7% T4 = 16,7% T5 = 16,7%		T2 = 0% T3 = 33,4% T4 = 33,4% T5 = 33,4%		
	9,5 m / (3)*		13,0 m / (3)*		16,5 m / (4)*		
	79,8	10,15	79,8	11,00	79,8	11,45	
3,0	61,0	10,15	68,0	11,00	73,0	11,45	3,0
3,5	57,0	9,05	65,5	9,75	71,0	10,20	3,5
4,0	53,1	8,10	62,8	8,75	69,3	9,15	4,0
4,5	49,0	7,30	60,0	7,90	67,5	8,25	4,5
5,0	45,0	6,60	57,0	7,20	65,4	7,50	5,0
6,0	34,5	5,50	51,5	6,00	61,7	6,30	6,0
7,0	19,0	4,60	45,6	5,10	57,3	5,35	7,0
8,0			38,9	4,30	53,0	4,50	8,0
9,0			31,0	3,50	49,0	3,70	9,0
10,0			20,6	2,90	44,5	3,10	10,0
11,0					39,0	2,60	11,0
12,0					32,5	2,15	12,0
13,0					25,2	1,85	13,0
14,0					14,0	1,50	14,0
15,0							15,0
mini	0,0	4,20	0,0	2,20	0,0	1,20	mini



TEREX®

AC40/2L

66%

40 METRIC TONS
