

TEREX  **CRANES**

A600C



simple, available and cost effective™

www.terex-cranes.com

Crane performance data

Capacity at 3 m from slewing axis (CE)	60 t
Boom length (retracted / extended)	10.3 / 32.4 m
Boom head height	34.5 m

Truck performance data

Max. travelling speed	2.5 km/h
Max. total traction	360 kN

Weights⁽²⁾

Right track	Left track	Total
29.5 t	29.5 t	59 t

(2)Standard crane: no auxiliary winch and no extensions

Operating speed / times⁽³⁾

Main winch (max. speed under direct pull)	135 m/min
Auxiliary winch (max. speed under direct pull)	95 m/min
Telescopic boom lifting / lowering	50 / 40 s
Telescopic boom extension / retraction (10.3 m to 32.4 m)	60 / 50 s
Upper structure slewing	30 s

(3)Average reference indicative values

Undertruck

Frame	Welded body Front and back hitch point. Pantograph widening tracks
Engine	CUMMINS QSB5.9-C: no. 6 in-line cylinders - displacement: 5.88 cu dm - water cooling with intercooler - turbo supercharger. Max. power 153 kW at 2200 rpm - Max. torque 929 Nm at 1300 rpm. 97/68/CE Step 2 approved.
Tank	300 l
Transmission	Hydrostatic loop transmission on each track through a separate gearbox controlled by double displacement hydraulic motor
Tracks	Steel tracks featuring profiled runners. 900 mm wide

Upper structure	
Boom	no. 4 octagonal elements
Lifting	no. 1 double action hydraulic jack. Boom inclination: -2° to +78°
Extension	Separate extension of element 2 through double action hydraulic jack. Continuous proportional extension of elements 3 and 4 through double action hydraulic jack and inner chain-driven system. Extension under partial load possible.
Winch	Controlled by double displacement hydraulic motor equipped with axial pistons and planetary gearbox. Automatic negative brake for winch lowering. Cable tensioner. Two different rotation speeds. Rope diameter 18 mm length: 200 m. Max. lifting capacity 5300daN. On request, auxiliary winch controlled by fixed displacement hydraulic motor equipped with axial pistons and planetary gearbox. Automatic negative brake for winch lowering. Rope clamp. Two different rotation speeds. Rope diameter 15 mm length 150 m. Max. lifting capacity 3800daN
Rotation	360° non-stop rotation controlled by hydraulic motor equipped with planetary gearbox on slewing ring having double ball ring and inner toothing. Automatic negative brake. Brake release for direct alignment of boom along load vertical line.
Operating cab	Sliding door. Wide range of visibility. Equipped with heating system. Front and upper anti-breaking window with windscreen wiper. Upper and back windows can be opened. Fully adjustable seat onto shockproof suspensions. Equipped with tiltable arm rests with integrated hand controls for crane operation.
Safety	Max. pressure valves for each hydraulic circuit. Balancing braking valve for the slewing unit. Balancing braking valve for the winch. Limit switch onto boom head for hoisting block lift. Limit switch for having three winding turns around the winch. Load limiting device with indicator for: <ul style="list-style-type: none"> Boom inclination Boom length Load weight Max. load which can be lifted

Systems	
Hydraulic system	Feeding: no. 1 triple gear pump and no. 2 variable displacement piston pumps. Movement control: distributors controlled by hydraulic manipulators. More proportional operations can be carried out at the same time. Pedal-controlled boom extension / retraction. Track control: distributors controlled by foot controls. Filtering: no. 2 cartridge filters in return circuit and no. 1 filter in intake circuit of piston pumps. Heat exchanger for oil cooling-down
Electric system	24 V, 75 A generator and no. 2 132 Ah batteries

OPTIONS

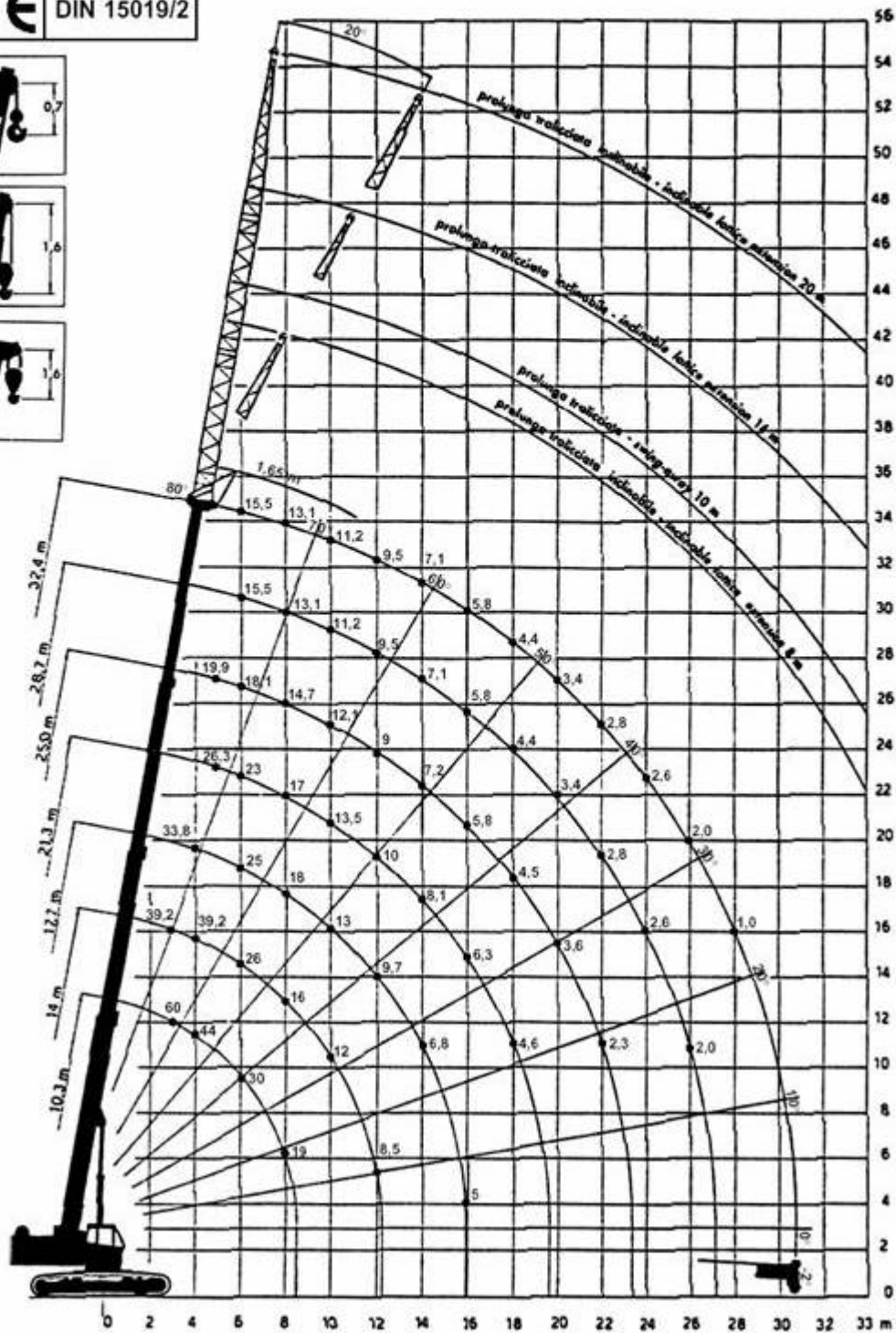
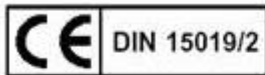
Additional pulley onto boom head
"A" jib 1.65 m long
Lattice extension 10 m long
Lattice extension 0.7 m + 7.3 m long
Lattice extension 0.7 m + 7.3 m + 6 m long
Lattice extension 0.7 m + 7.3 m + 6 m + 6 m long
Air conditioning in operating cab
Operating kit for temperatures up to +45°C

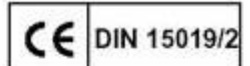
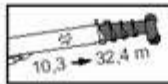
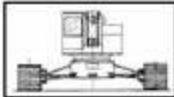
Capacità di sollevamento, altezze e raggio



Lifting capacities, heights and radius

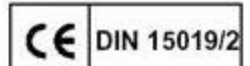
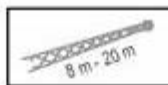
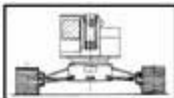
Charges, hauteurs et portées



Traglasten / Hubhöhen

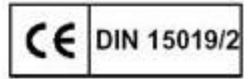
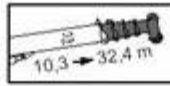
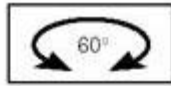






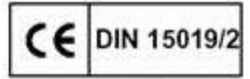
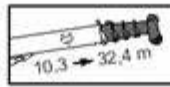
	BRACCIO PRINCIPALE / MAIN BOOM HAUPTAUSLEGER/FLECHE PRINCIPALE							
	10,30	14,00	17,70	21,30	25,00	28,70	32,40	
	DIN	DIN	DIN	DIN	DIN	DIN	DIN	
3	60,00	39,20						3
4	44,00	39,20	33,80					4
5	34,00	33,00	28,50	26,30	19,90			5
6	30,00	26,00	25,00	23,00	18,10	15,50	15,50	6
7	23,40	20,00	21,00	20,00	16,40	14,40	14,40	7
8	19,00	16,00	18,00	17,00	14,70	13,10	13,10	8
9		14,00	15,50	15,00	13,40	12,30	12,30	9
10		12,00	13,00	13,50	12,10	11,20	11,20	10
12		8,50	9,70	10,00	9,00	9,50	9,50	12
14			6,80	8,10	7,20	7,10	7,10	14
16			5,00	6,30	5,80	5,80	5,80	16
18				4,60	4,50	4,40	4,40	18
20					3,60	3,40	3,40	20
22					2,30	2,80	2,80	22
24						2,60	2,60	24
26						2,00	2,00	26
28							1,00	28
30								30
SEZIONI ESTESE EXTENDED SECTIONS	1 ^a 0 2 ^a 0 3 ^a 0	1 ^a 50% 2 ^a 0 3 ^a 0	1 ^a 100% 2 ^a 0 3 ^a 0	1 ^a 100% 2 ^a 25% 3 ^a 25%	1 ^a 100% 2 ^a 50% 3 ^a 50%	1 ^a 100% 2 ^a 75% 3 ^a 75%	1 ^a 100% 2 ^a 100% 3 ^a 100%	AUSLEGER SEKTIONEN ELEMENTS TELESCOPES





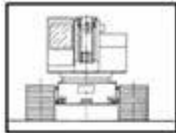
	PROLUNGA TRALICCATA / EXTENSIONS / VERLÄNGERUNGEN / EXTENSIONS							
	8 m		10 m	14 m		20 m		
	0°	20°	0°	0°	20°	0°	20°	
8	6,50							8
10	5,90	3,20	5,20	3,30				10
12	5,30	3,00	4,60	3,00		2,00		12
14	4,80	2,90	4,10	2,70	1,60	1,80		14
16	4,30	2,80	3,70	2,50	1,50	1,60	0,90	16
18	3,90	2,70	3,40	2,30	1,45	1,45	0,80	18
20	2,75	2,60	3,10	2,10	1,40	1,35	0,80	20
22	2,05	2,30	2,70	1,90	1,35	1,25	0,80	22
24	1,65	2,05	2,30	1,75	1,30	1,15	0,70	24
26	1,30	1,60	1,75	1,60	1,25	1,07	0,70	26
28	1,00	1,30	1,50	1,40	1,10	1,00	0,70	28
30	0,70	1,00	1,15	1,30	1,05	0,90	0,60	30
32	0,50	0,70	0,90	0,90	0,70	0,80	0,60	32
34			0,65					34



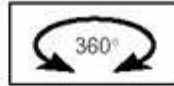
	BRACCIO PRINCIPALE / MAIN BOOM HAUPTAUSLEGER/FLECHE PRINCIPALE							
	10.30	14.00	17.70	21.30	25.00	28.70	32.40	
	DIN	DIN	DIN	DIN	DIN	DIN	DIN	
3								3
4	44.00	39.20	33.80					4
5	34.00	36.00	28.50	24.70	19.90			5
6	30.00	29.00	25.50	21.80	18.10	15.50	11.70	6
7	25.00	25.00	21.50	19.00	16.40	14.40	11.70	7
8	23.00	25.00	18.60	16.90	14.70	13.10	11.00	8
9		21.00	16.80	14.70	13.40	12.30	10.60	9
10		19.00	13.80	13.50	12.10	11.20	9.60	10
12		16.00	9.70	9.70	9.00	9.50	8.20	12
14		10.90	6.80	7.20	7.20	7.10	7.10	14
16			5.00	5.90	5.80	5.80	5.80	16
18				4.50	4.50	4.40	4.30	18
20					3.60	3.40	3.70	20
22					3.00	2.80	3.10	22
24						2.60	2.80	24
26						2.00	2.30	26
28							1.80	28
30							1.50	30
SEZIONI ESTESE EXTENDED SECTIONS	1 ^a 0 2 ^a 0 3 ^a 0	1 ^a 50% 2 ^a 0 3 ^a 0	1 ^a 100% 2 ^a 0 3 ^a 0	1 ^a 100% 2 ^a 25% 3 ^a 25%	1 ^a 100% 2 ^a 50% 3 ^a 50%	1 ^a 100% 2 ^a 75% 3 ^a 75%	1 ^a 100% 2 ^a 100% 3 ^a 100%	AUSLEGER SEKTIONEN ELEMENTS TELESCOPES



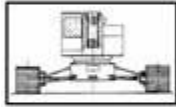
	BRACCIO PRINCIPALE / MAIN BOOM HAUPTAUSLEGER/FLECHE PRINCIPALE							
	10.30	14.00	17.70	21.30	25.00	28.70	32.40	
	DIN	DIN	DIN	DIN	DIN	DIN	DIN	
3								3
4	28.00	16.00	16.80					4
5	20.00	12.00	12.00	12.00	12.50			5
6	15.00	10.00	9.70	10.00	10.50	9.50	10.00	6
7	12.00	8.00	8.40	8.20	9.00	8.50	8.50	7
8	10.00	6.50	6.80	6.90	7.70	7.50	7.40	8
9		5.20	6.00	5.80	6.60	6.60	6.50	9
10		4.20	5.00	5.10	5.60	5.60	5.70	10
12		2.50	3.50	4.00	4.40	4.40	4.40	12
14			2.40	3.00	3.40	3.40	3.50	14
16			1.70	2.20	2.60	2.60	2.80	16
18				1.60	2.00	2.00	2.20	18
20					1.40	1.40	1.70	20
22					1.00	1.00	1.30	22
24						0.80	0.95	24
26						0.50	0.60	26
28							0.40	28
30								30
SEZIONI ESTESE EXTENDED SECTIONS	1 ^a 0 2 ^a 0 3 ^a 0	1 ^a 50% 2 ^a 0 3 ^a 0	1 ^a 100% 2 ^a 0 3 ^a 0	1 ^a 100% 2 ^a 25% 3 ^a 25%	1 ^a 100% 2 ^a 50% 3 ^a 50%	1 ^a 100% 2 ^a 75% 3 ^a 75%	1 ^a 100% 2 ^a 100% 3 ^a 100%	AUSLEGER SEKTIONEN ELEMENTS TELESCOPES



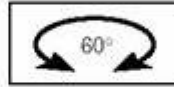
Cingoli chiusi 3,50 m
Crawler closed 3,50 m
Chenilles rentrées 3,50 m
Raupen eingefahren 3,50 m



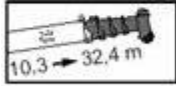
Rotazione su 360°
Over 360° slewing
Rotation sur 360°
Schwenkbereich 360°



Cingoli aperti 6,00 m
Crawler open 6,00 m
Chenilles sorties 6,00 m
Raupen ausgefahren 6,00 m



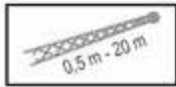
Settore posteriore
Over rear
Sur l'arrière
Nach hinten



Braccio telescopico da 10,3 a 32,4 m
Telescopic boom from 10,3 m to 32,4 m
Flèche télescopique de 10,3 m à 32,4 m
Hydraulischer Ausleger von 10,3 m bis 32,4 m



Portata a norme CE (vedere note)
The rated loads are in accordance with CE chart (see notes)
Charges conformes à la réglementation CE (voir notes)
Traglasten entsprechend E.G. Bestimmungen (Siehe Hinweise)



Prolunghe 0,5 m - 20 m
0,5 m - 20 m extension
Extension 0,5 m - 20 m
Verlängerung 0,5 m - 20 m

Taglie di sollevamento / Hoist reeving / Mouflage / Hubrollen

N° di taglie / No. of line Nbr. de brins / Seilanzahl	1	2	3	4	5	6	7	8	9	10	11	12
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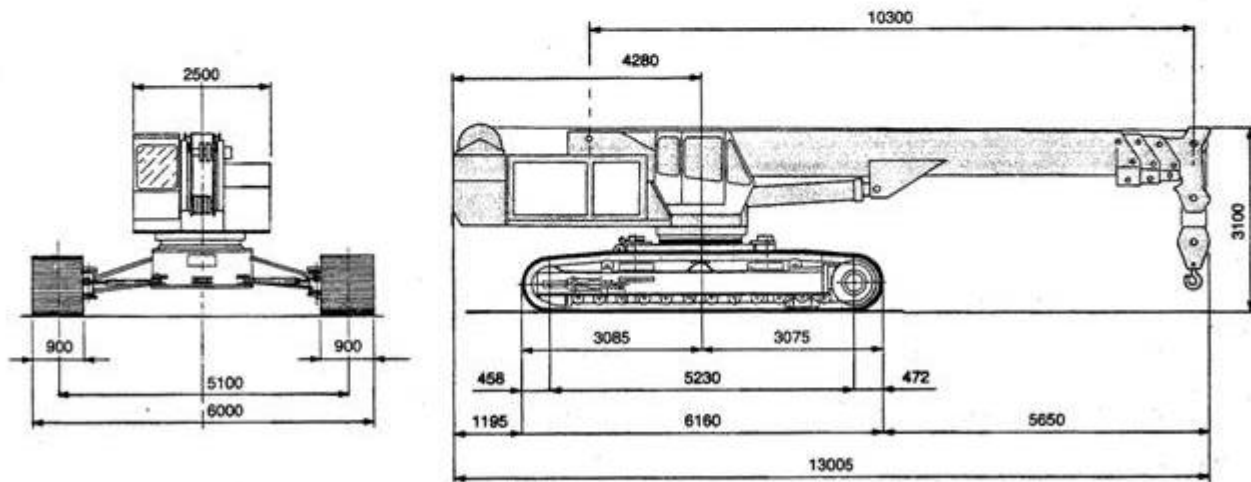
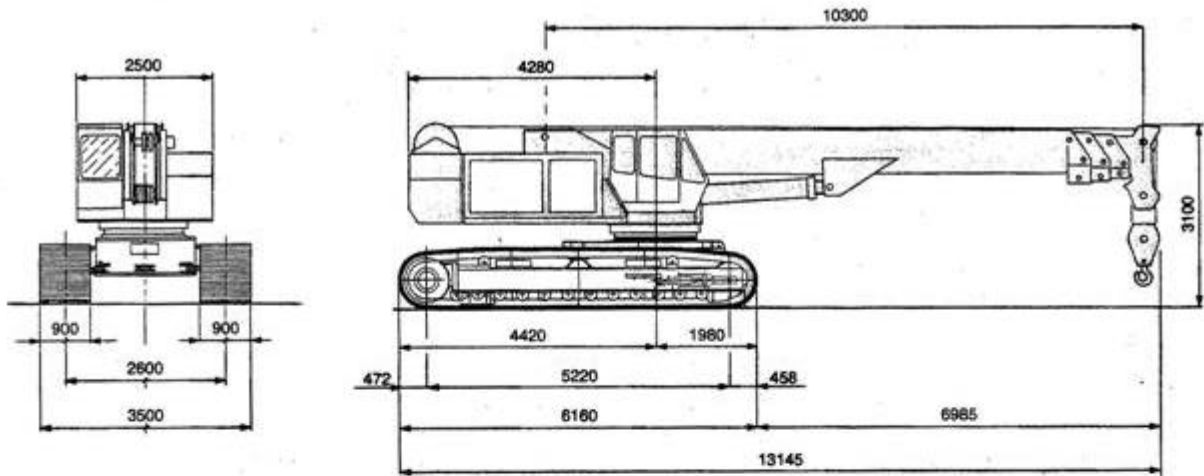
Aregano principale / Main winch / Treuil principal / Hauptwinde

Carico massimo in kN Max line pull in kN Charges maxi en kN Höchstlast in kN	53	103	159	212	265	318	371	424	477	530	583	636
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Aregano ausiliario / Auxiliary winch / Treuil auxiliaire / Zusatzwinde

Carico massimo in kN Max line pull in kN Charges maxi en kN Höchstlast in kN	38	76	114	152	190	228	266	304	342	380	418	456
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Note	Notes	Notes	Hinweise
<p>I carichi indicati costituiscono i valori massimi coperti dalla garanzia del costruttore per utilizzo rispettivamente secondo le norme della Unione Europea (CE). Sono espressi in tonnellate metriche ed includono il peso del bozzello, delle eventuali prolunghe applicate al braccio e di tutti gli accessori di sollevamento (brache, ecc.)</p> <p>Le operazioni di sollevamento nella configurazione su cingoli devono essere effettuate su superficie piana e solida. Le operazioni di traslazione con carico possono avvenire esclusivamente con braccio allineato all'asse di mezzeria della autogrù, perno di bloccaggio meccanico della rotazione della sovrastruttura inserito e avendo cura di mantenere il carico stesso in prossimità della gru senza oscillazioni.</p>	<p>The indicated loads are the maximum covered by the manufacturer's warranty for a use which complies with current EU directives (CE) standard. Weights are given in metric tons. They include the weight of the block, all extensions fitted to the boom and all lifting accessories (slings and so on).</p> <p>Crane on tracks: operate the crane on a steady flat surface when hoisting loads. The load can be travelled only if the boom is aligned with the crane centreline, the shaft for upper structure rotation stop is fitted and the load is kept close to the crane and is not swinging.</p>	<p>Les charges indiquées constituent les valeurs maximales couvertes par la garantie du fabricant pour une utilisation conforme aux normes de l'Union Européenne. Elles sont exprimées en tonnes métriques et comprennent le poids de la moufle, des éventuelles extensions appliquées à la flèche et de tous les accessoires de levage (élingues, etc.).</p> <p>Les opérations de levage dans la configuration sur chenilles doivent être effectuées sur une surface plate et solide.</p> <p>Les opérations de translation avec charge ne peuvent être effectuées qu'avec flèche alignée dans l'axe de moitié du camion-grue, goujon de blocage mécanique de la rotation de la structure du dessus enclenché et en prenant soin de maintenir la charge à proximité de la grue sans oscillations.</p>	<p>Die angegebenen Lasten sind die Grenzwerte, für welche die Herstellergarantie bei Einsatz gemäß den Normen der Europäischen Union (EU) oder nach der Norm SAE J765 gültig ist. Die Grenzwerte sind in Metertonnen ausgedrückt, das Gewicht des Blocks, eventueller am Ausleger angebrachter Verlängerungen und jeglicher Hebezubehörteile (Schlingen usw.) ist inbegriffen.</p> <p>Hebearbeiten mit Raupenkran müssen auf einer ebenen und festen Oberfläche erfolgen.</p> <p>Transportarbeiten mit belastetem Ausleger sind ausschließlich erlaubt, wenn der Ausleger an der Mittelachse des Krans angereicht ist, der mechanische Verriegelungszapfen, der die Drehung des Oberwagens verhindert, eingerastet ist und die Last ohne zu schwingen in Nähe des Krans behalten wird.</p>



Dimensioni medie di riferimento fornite a puro titolo indicativo. Valori espressi in millimetri
 Average reference values, which are indicative only. Values are expressed in mm
 Dimensions moyennes de référence fournies à titre purement indicatif. Valeurs exprimées en millimètres
 Durchschnittsmaße; dienen ausschließlich als Richtwerte. Die Werte sind in Millimetern ausgedrückt

Note	Notes	Notes	Hinweise
Tutte le caratteristiche e le specifiche descritte possono essere soggette a variazioni senza preavviso. Tutti i dati riportati sono forniti a puro titolo informativo e non sono impegnativi dal momento che le prestazioni della macchina variano in funzione dell'utilizzo. La sola garanzia applicabile è quella fornita da TEREX Italia per i propri prodotti	All specifications and features herein described can be changed without prior advice. All indicated data are indicative only and are not binding as crane performs differently depending on its use. Only the warranty terms granted by TEREX Italia for their products can be applied.	Toutes les caractéristiques et spécifications décrites peuvent être sujettes à variations sans préavis. Toutes les données indiquées sont fournies à titre purement indicatif et n'engage pas la responsabilité du fabricant dans la mesure où les performances de la machine varient en fonction de l'utilisation. La seule garantie applicable est celle fournie par TEREX Italia pour ses propres produits.	Unangekündigte Änderungen sämtlicher Eigenschaften und Daten sind möglich. Alle Angaben sind Richtwerte und nicht verbindlich, da die Leistungen der Vorrichtung von deren Einsatz abhängen. Die einzige gültige Garantie ist jene der Firma TEREX Italia für die von dieser hergestellten Produkte.



ISO 9001 - Cert. 115/1



Cod. 38726 Rev. 0 del 09/02



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