

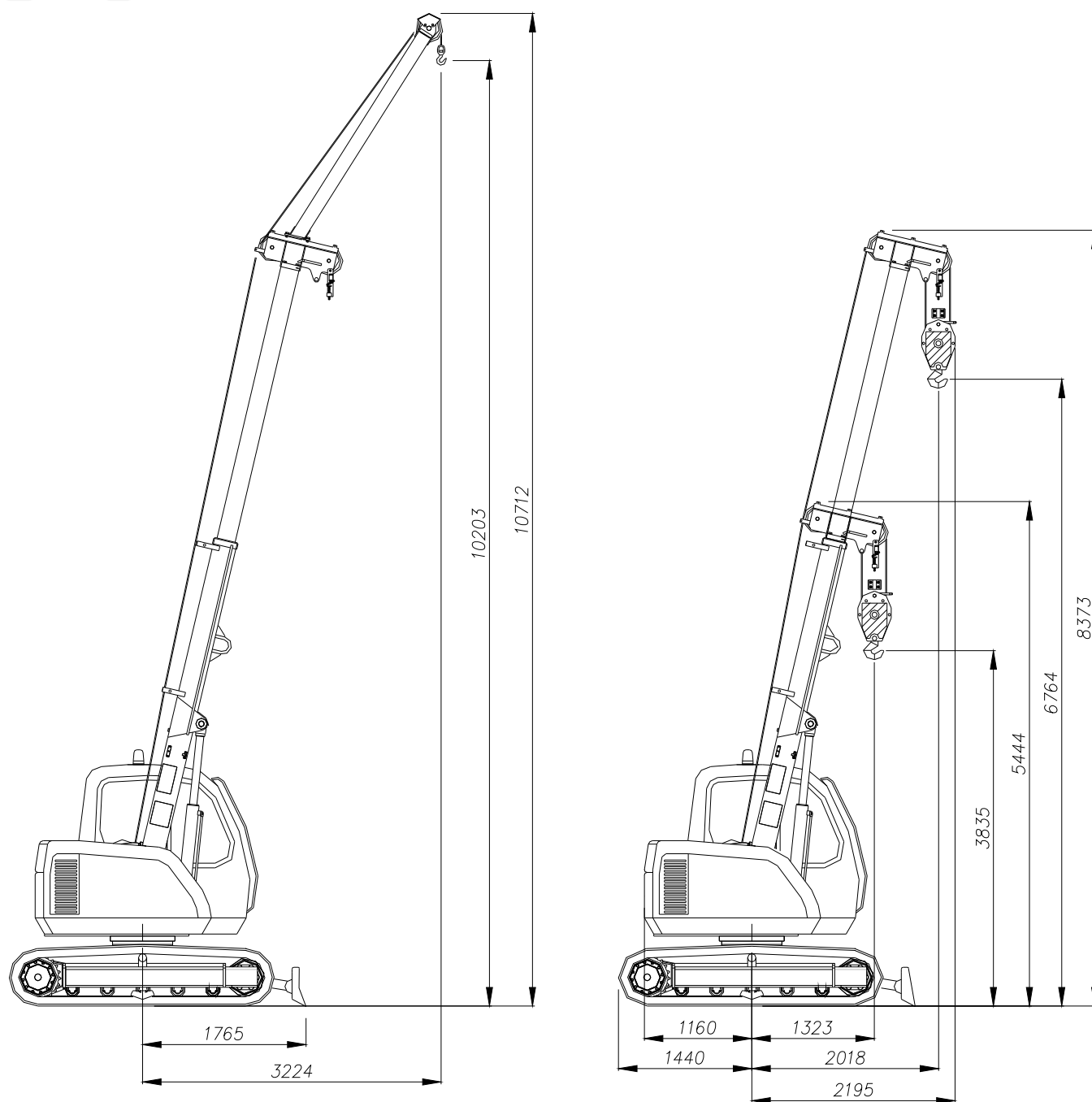
T Cranes SERIES



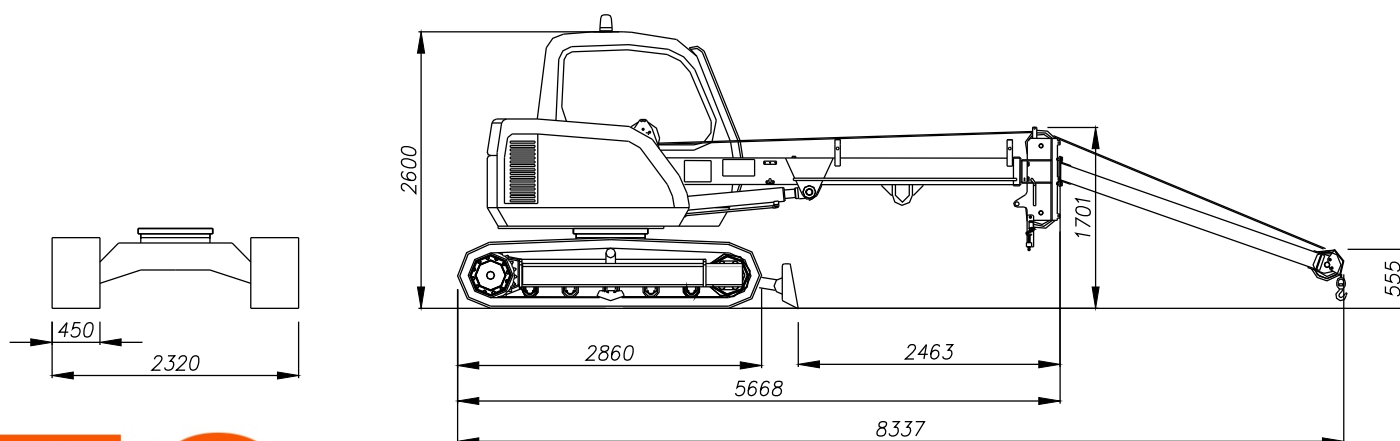


Base		Base				
Tipo	Type	EUROCOMACH ESP100				
Motore Diesel	Diesel engine model	YANMAR 4TNV98				
Potenza 2100 rpm	Rated power at 2100 rpm	46,5	kW	62,4	HP	
Capacità serbatoio carburante	Fuel tank capacity	105,0	l	27,7	gal	
Capacità serbatoio olio	Hydraulic oil tank capacity	90,0	l	23,8	gal	
Sottocarro		Undercarriage				
Larghezza cingoli	Width with tracks retracted	2320	mm	7,6	ft	
Lunghezza cingoli	Track length	2861	mm	9,4	ft	
Larghezza pattini	Shoe width	450	mm	17,7	in	
Velocità di traslazione max.	Max. Travel speed	5	Km/h	3,1	mph	
Velocità di rotazione torretta	Swing speed	3,3	rpm	3,3	rpm	
Impianto idraulico		Hydraulic plant				
Valvola load sensing	Load sensing valve					
Pompa principale	Main pump flow	185	l/min	49,0	gpm	
Pompa secondaria	Auxiliary pump flow	20	l/min	5,3	gpm	
Massima pressione di lavoro	Max working pressure	26	MPa	3.771	psi	
Capacità serbatoio olio	Oil tank capacity	90	l	23,8	gal	
Argano principale		Main winch				
Tiro nominale 2° strato	Max. line pull on 2 st layer	1800	daN	4.047	lbs	
Velocità massima della fune	Max. rope speed	37	m/min	121,4	fpm	
Diametro fune	Rope diameter	10	mm	0,4	in	
Capacità di sollevamento		Lifting capacity				
Carico massimo 2/1	Max lifting load 2/1	3500	daN	7.868	lbs	
Carico massimo con Jib (*) 1/1	Max lifting load with Jib 1/1	1000	daN	2.248	lbs	
Dimensioni per il trasporto		Transport dimensions				
Altezza	Height	2600	mm	8,5	ft	
Lunghezza	Length	5668	mm	18,6	ft	
Lunghezza con Jib (*)	Length with Jib(*)	8337	mm	27,4	ft	
Larghezza	Width	2320	mm	7,6	ft	
Peso	Weight	10256	kg	22.611	lbs	
Peso con Jib (*)	Weight with Jib (*)	10350	kg	22.818	lbs	
Sistemi di sicurezza		Safety system				
Cicalino con macchina in movimento	Travel buzzer					
Estintore	Fire extinguisher					
Livella sul braccio	Spirit level on the boom					
Livella in cabina	Spirit level in the cab					
Arresto fine corsa	Stroke limit system					
Arresto motore esterno cabina	Cab safety lever					

(*) **Optional**



Configurazione trasporto / *Transport configuration*



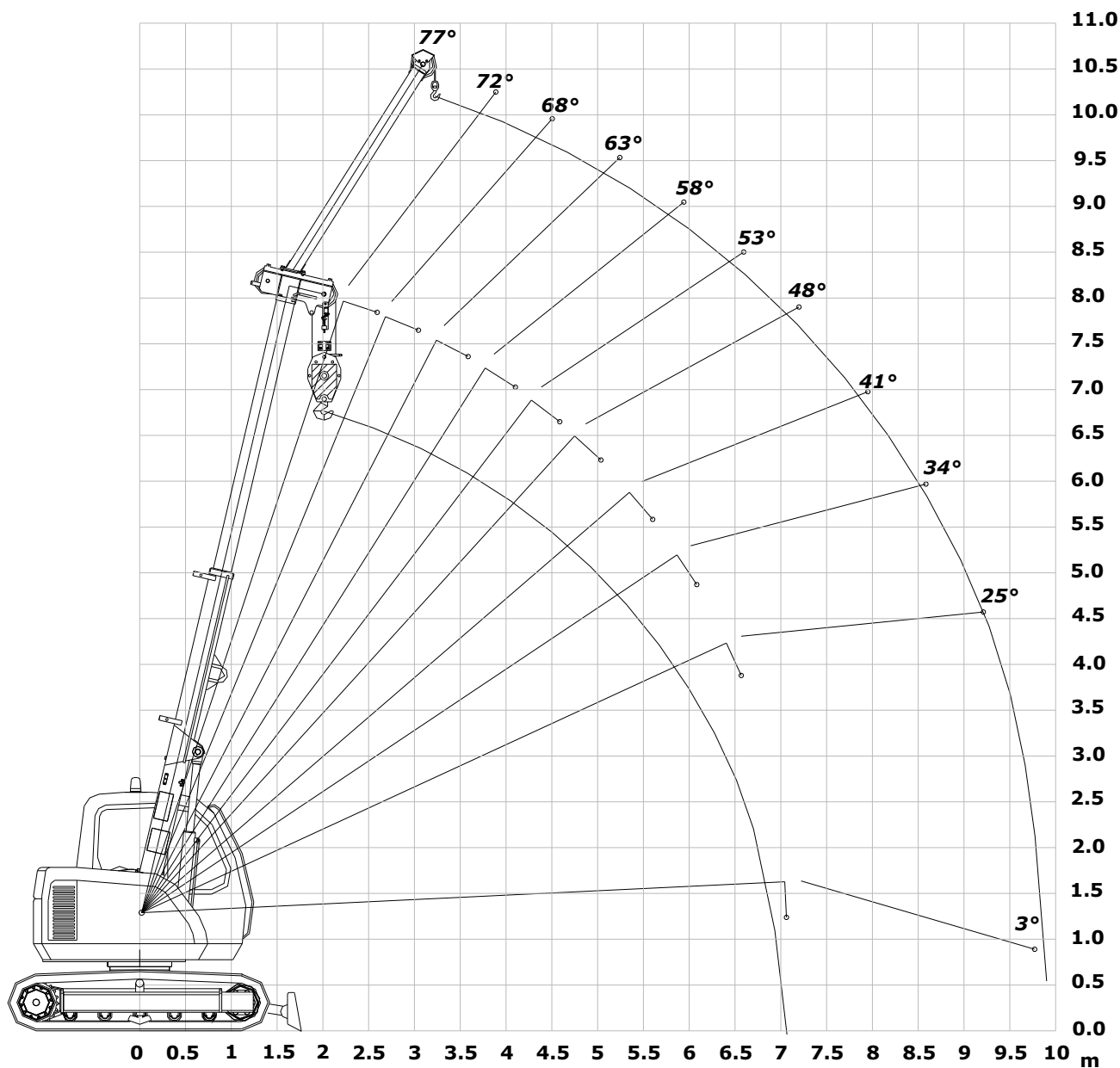


Tabella carichi

Loads table

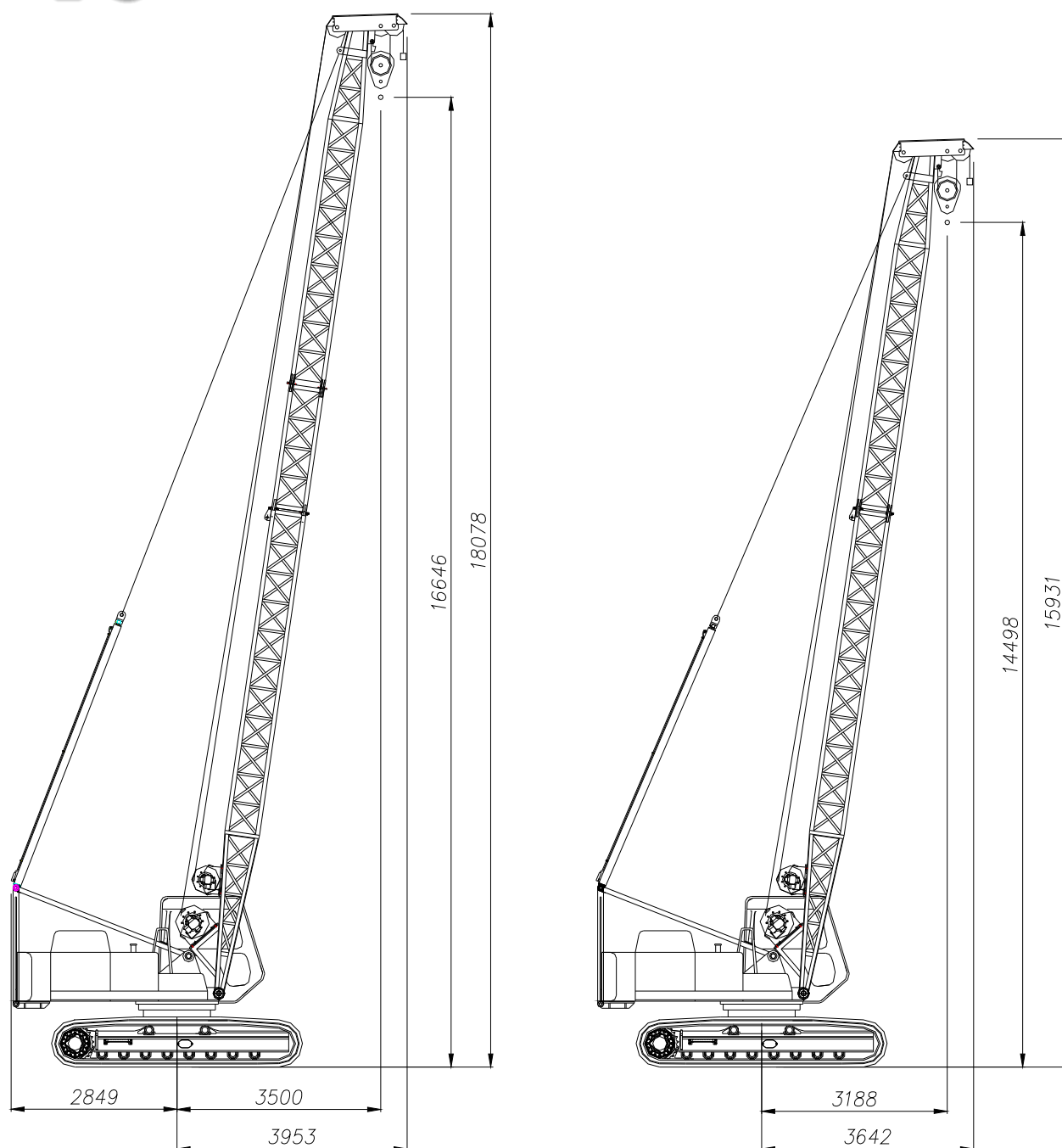
Inclinazione Inclination	77°	72°	68°	63°	58°	53°	48°	41°	34°	25°	3°
Sbraccio (m) Distance (ft)	2 6,56	2,5 8,20	3 9,84	3,5 11,48	4 13,12	4,5 14,76	5 16,40	5,5 18,04	6 19,69	6,5 21,33	7 22,97
Capacità di sollevamento (daN) Lifting capacity (lbs)	3500 7,87	3000 6,74	2100 4,72	1600 3,60	1300 2,92	1050 2,36	900 2,02	780 1,75	690 1,55	620 1,39	600 1,35
Capacità di sollevamento con Jib (daN) (*) Lifting capacity with Jib (lbs) (*)	1000 2,25	935 2,10	875 1,97	810 1,82	750 1,69	690 1,55	630 1,42	570 1,28	510 1,15	450 1,01	400 0,90

(*) Optional

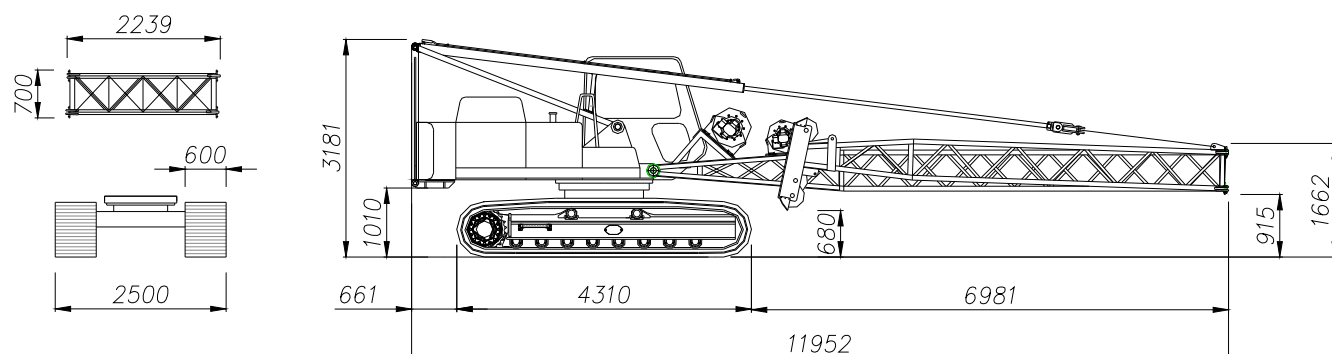
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Base		Base				
Tipo	Type	Hitachi ZX210LC-5B				
Motore Diesel	Diesel engine model	Isuzu AM-4HK1X				
Potenza 2100 rpm	Rated power at 2100 rpm	122	kW	164	HP	
Capacità serbatoio carburante	Fuel tank capacity	400	l	105,7	gal	
Capacità serbatoio olio	Hydraulic oil tank capacity	135	l	35,7	gal	
Sottocarro		Undercarriage				
Larghezza cingoli	Track width	2990	mm	9,8	ft	
Lunghezza cingoli	Track length	4460	mm	14,6	ft	
Larghezza pattini	Shoe width	600	mm	23,6	in	
Velocità di traslazione max.	Max. Travel speed	5,5	Km/h	3,4	mph	
Velocità di rotazione torretta	Swing speed	11,8	rpm	11,8	rpm	
Pompe idrauliche		Hydraulic pumps				
Pompa principale	Main pump flow	2x212	l/min	2 x 56	gpm	
Pompa secondaria	Auxiliary pump flow	189	l/min	49,9	gpm	
Massima pressione di lavoro	Max working pressure	28,5	MPa	4133,6	psi	
Capacità di sollevamento		Lifting capacity				
Carico massimo Arg. Principale 2/1	Max lifting load main winch 2/1	12000	daN	26.977	lbs	
Carico massimo Arg. Secondario 1/1	Max lifting load aux. winch 1/1	3000	daN	6.744	lbs	
Argano principale		Main winch				
Tiro nominale 1° strato	Nominal line pull on 1 st layer	6000	daN	13.489	lbs	
Velocità massima della fune	Max. rope speed	52	m/min	170,6	fpm	
Diametro fune	Rope diameter	16	mm	0,6	in	
Argano secondario		Auxiliary winch				
Tiro nominale	Nominal line pull	3000	daN	6,7	lbs	
Velocità massima della fune	Max. rope speed	57	m/min	187,0	fpm	
Diametro fune	Rope diameter	14	mm	0,6	in	
Dimensioni per il trasporto		Transport dimensions				
Altezza	Height	3181	mm	10,4	ft	
Lunghezza	Length	11952	mm	39,2	ft	
Larghezza	Width	2320	mm	7,6	ft	
Peso	Weight	25300	kg	55.777	lbs	
Peso prolunga	Extesion Weight	250	kg	551	lbs	



Configurazione trasporto / *Transport configuration*



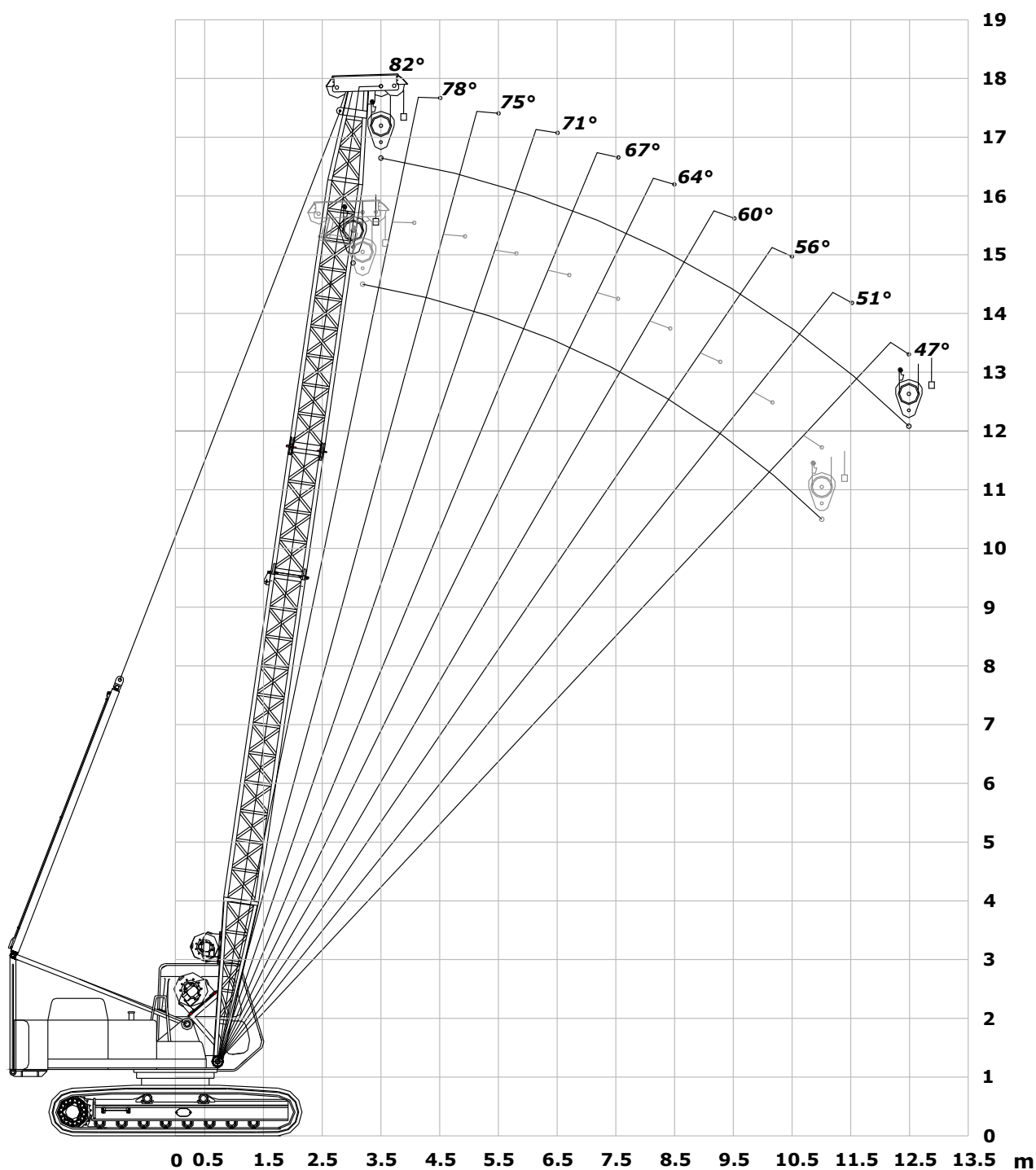


Tabella carichi

Loads table

Inclinazione Inclination	82	78	75	71	67	64	60	56	51	47
Sbraccio (m) Distance (ft)	3,5 11,48	4,5 14,76	5,5 18,04	6,5 21,33	7,5 24,61	8,5 27,89	9,5 31,17	10,5 34,45	11,5 37,73	12,5 41,01
Sbraccio senza prolunga (m) Distance without extension (ft)	3,2 10,50	4 13,12	4,9 16,08	5,8 19,03	6,7 21,98	7,5 24,61	8,4 27,56	9,3 30,51	10,1 33,14	11 36,09
Capacità di sollevamento (daN) Lifting capacity (lbs)	12000 26,98	8400 18,88	6300 14,16	5000 11,24	3900 8,77	3200 7,19	2600 5,85	2000 4,50	1600 3,60	1200 2,70

Capacità di sollevamento

Lifting capacity

Carico massimo sollevabile Arg. Principale 2/1	20000	daN
Max lifting load with main winch 2/1	45,0	lbs
Carico massimo Sollevabile Arg. Secondario 1/1	3000	daN
Max lifting load with aux. winch 1/1	6,7	lbs

Caratteristiche generali

General Characteristics

Peso	27000	kg
Weight	59,5	lbs

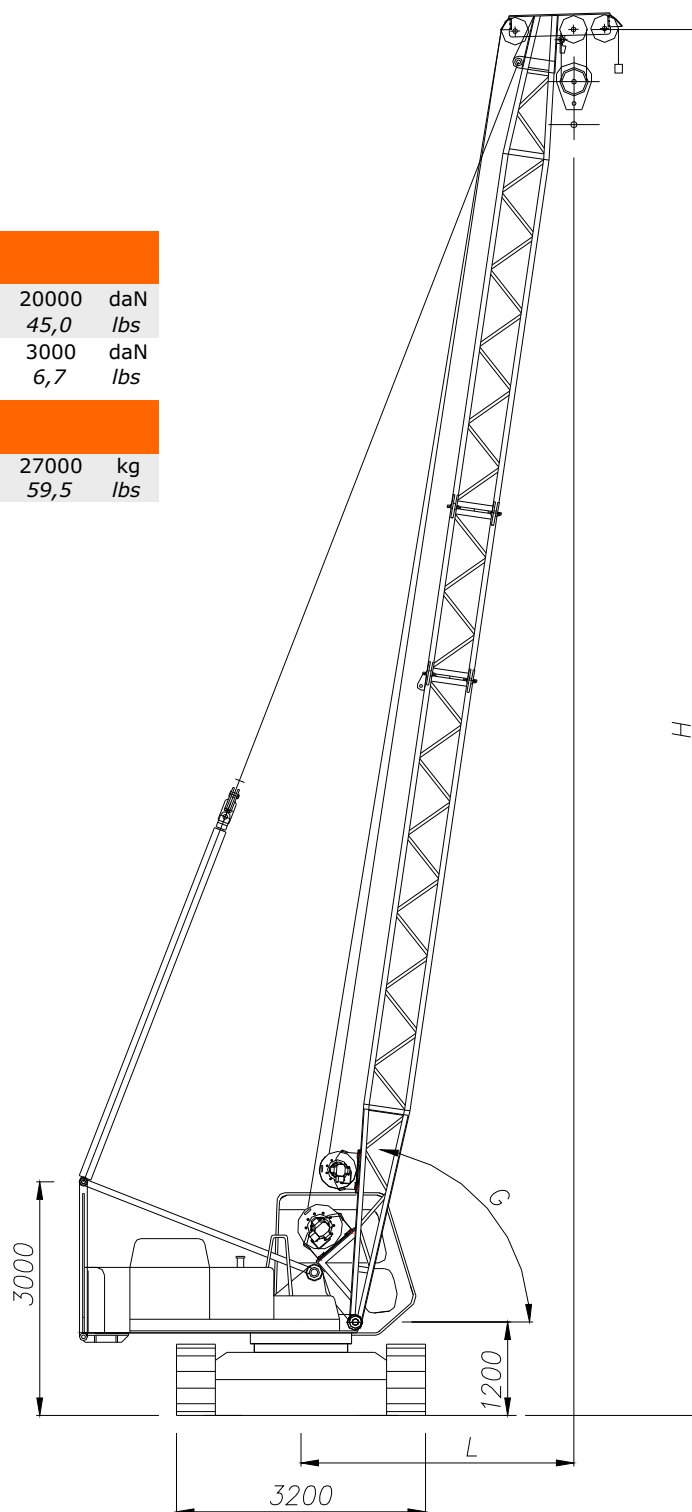
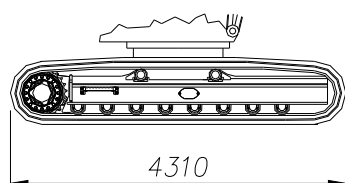


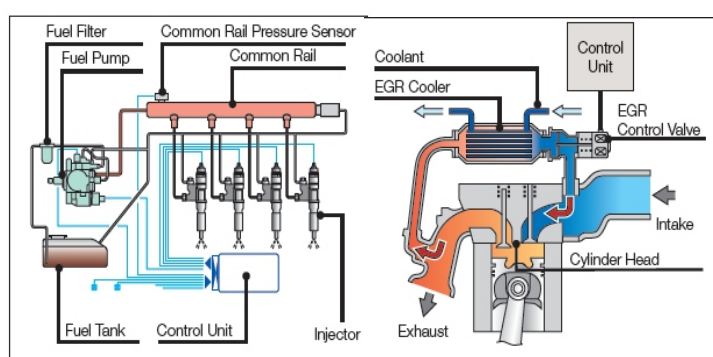
Tabella carichi

Loads table

Inclinazione	82	78	75	71	67	64	60	56	51	47
Inclination										
Sbraccio (m)	3	4	5	6	7	8	9	10	11	12
Distance (ft)	9,84	13,12	16,40	19,69	22,97	26,25	29,53	32,81	36,09	39,37
Altezza (m)	17,8	17,6	17,3	17	16,6	16,1	15,5	14,9	14,1	13,2
Height (ft)	58,40	57,74	56,76	55,77	54,46	52,82	50,85	48,88	46,26	43,31
Capacità di sollevamento (daN)	20000	14300	10900	8750	7100	5900	4900	4100	3400	2800
Lifting capacity (lbs)	44,96	32,15	24,50	19,67	15,96	13,26	11,02	9,22	7,64	6,29

High Performances with Less Fuel Consumption

The new performant hydraulic plants give more power to increase the productivity. The LOAD SENSING VALVE permits to feed the movements which are activated, adapting instantly to the oil flow, allowing a consumption reduction. The oil and filters change intervals have been extended, reducing maintenance time and expenses. The engine control unit drives the fuel pump at an ultrahigh pressure to inject the fuel into the cylinders through a common rail device. The cooler EGR system mixes exhaust gasses with intake air for a re-combustion, lowering combustion temperature and reducing fuel consumption. The new engines comply with the US norms TIER 4 and the EU Euro 4.



Worldwide Service

Our technical support service provides quick access to factory expertise, while our commercial team is always on hand to provide fast and competitive quotes. Our service network covers over 25 countries all over the world.



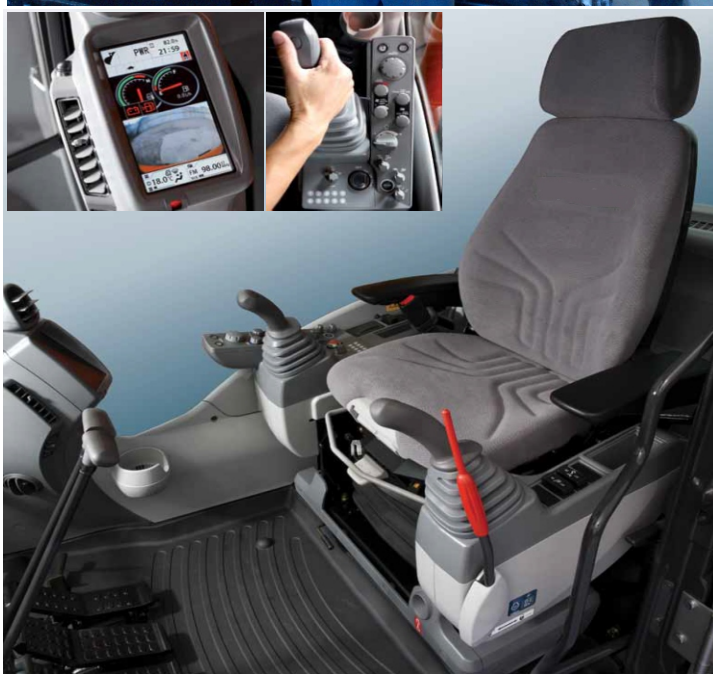
Easy Maintenance

Routine maintenance is essential for keeping unscheduled downtime to an absolute minimum and ensuring the overall reliability of your machine, but it can be difficult finding the time to carry out regular checks on busy construction sites. The new bases has been designed with time-saving, conveniently accessible features that will make it easy for you to perform routine service and cleaning procedures, so you can get the machine back to work as quickly as possible.



Comfortably in control

The new cabs provided with air conditioning, radio-CD player, multifunction LCD monitor and an absorbing and eating seat, guarantee a comfortable position and ensures an excellent view of the working area. Through the multifunction monitor (optional) the operator can check all the machine parameters and can start the rear view by a camera. The cabs are also protected by new system Center Pillar Reinforced Structure. Our machines are provided with an electronic device which measures the drilling depth and can be equipped also with the mast automatic alignment device which improves the verticality of the pile.



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