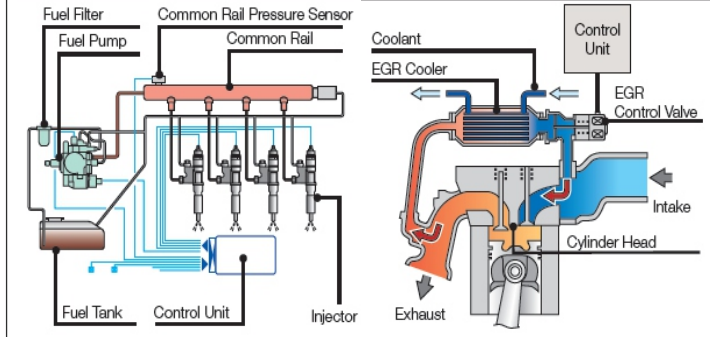


CF 6 Plus



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.



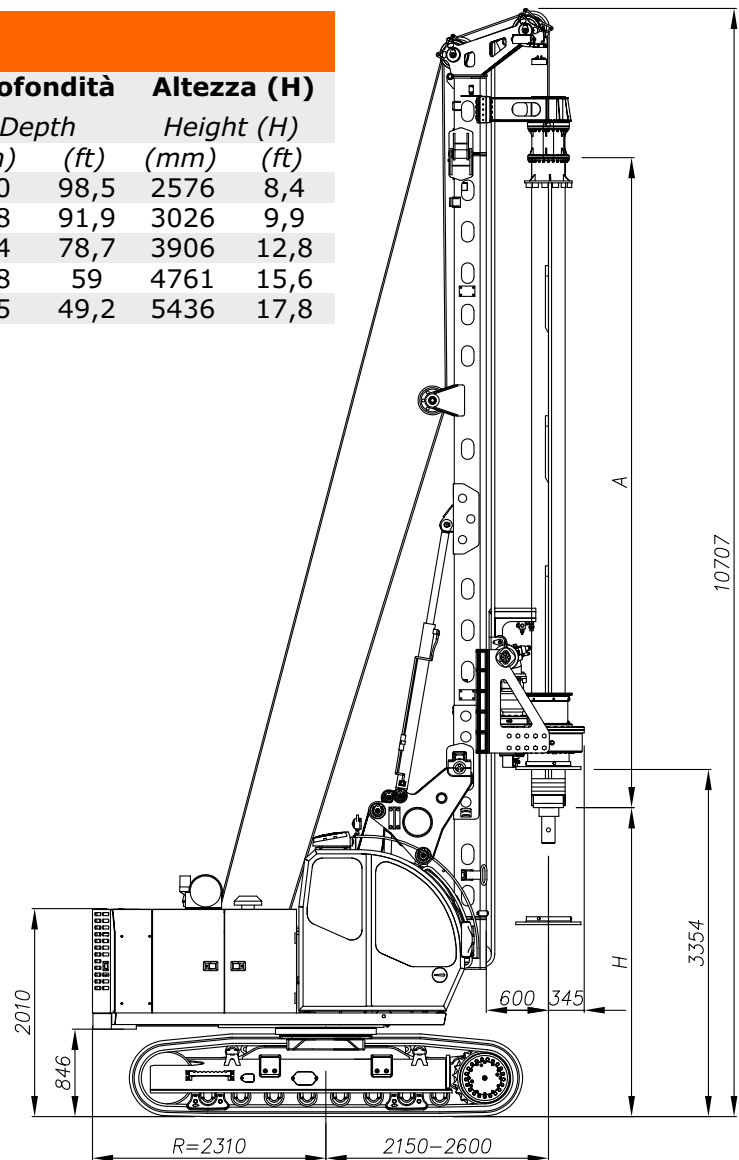


Base		Base				
Tipo	Type	Tes Car				
Motore Diesel	Diesel engine model	Caterpillar C4.4 ACERT				
Potenza 2200 rpm	Rated power at 2200 rpm	106,0	kW	142,1	HP	
Capacità serbatoio carburante	Fuel tank capacity	170,0	l	44,9	gal	
Capacità serbatoio olio	Hydraulic oil tank capacity	240,0	l	63,4	gal	
Sottocarro		Undercarriage				
Larghezza cingoli chiusi	Width - tracks retracted	2300	mm	7,5	ft	
Larghezza cingoli aperti	Width - tracks extended	3200	mm	10,5	ft	
Lunghezza cingoli	Track length	3500	mm	11,5	ft	
Larghezza pattini	Shoe width	500	mm	19,7	in	
Velocità di traslazione max.	Max. travel speed	1,26	Km/h	0,8	mph	
Velocità di rotazione torretta	Swing speed	3,5	rpm	3,5	rpm	
Pompe idrauliche		Hydraulic pumps				
Pompa principale	Main pump flow	209	l/min	55,2	gpm	
Pompa secondaria	Auxiliary pump flow	74,8	l/min	19,8	gpm	
Massima pressione di lavoro	Max working pressure	30	MPa	4.351	psi	
Argani idraulici		Hydraulic winches				
Argano principale	Main winch line pull	7000	daN	15.737	lbs	
Argano di servizio	Service winch line pull	2500	daN	5.620	lbs	
Testa di rotazione idraulica		Hydraulic rotary head				
Coppia	Torque	6500	daNm	47.942	ft lbs	
Velocità di perforazione	Rotation speed	7-14	rpm	7-14	rpm	
Velocità di scarico	Spin-off speed	60	rpm	60,0	rpm	
Corsa	Rotary head stroke	8306	mm	27,3	ft	
Motoriduttore a catena		Motoreducer feed by chain				
Tiro massimo pull-down	Max. extraction	10000	daN	22.481	lbs	
Spinta massima pull-down	Max. crowd	10000	daN	22.481	lbs	
Dimensioni di perforazione		Drilling dimensions				
Diametro massimo	Max. diameter	1200	mm	47,2	in	
Diametro minimo	Min. diameter	400	mm	15,7	in	
Profondità massima	Max. Depth	30000	m	98,4	ft	
Dimensioni per il trasporto		Transport dimensions				
Altezza	Height	3000	mm	9,8	ft	
Lunghezza	Length	9849	mm	32,3	ft	
Larghezza	Width	2300	mm	7,5	ft	
Peso (con asta da 30 m)	Weight (with 30 m kelly bar)	18000	kg	39.683	lbs	
Sistemi di sicurezza		Safety system				
Cicalino (macchina in	Travel buzzer					
Estintore	Fire extinguisher					
Livella sulla torre	Spirit level on the mast					
Livella in cabina	Spirit level in the cab					
Arresto fine corsa	Stroke limit system					
Arresto motore esterno cabina	Cab safety lever					

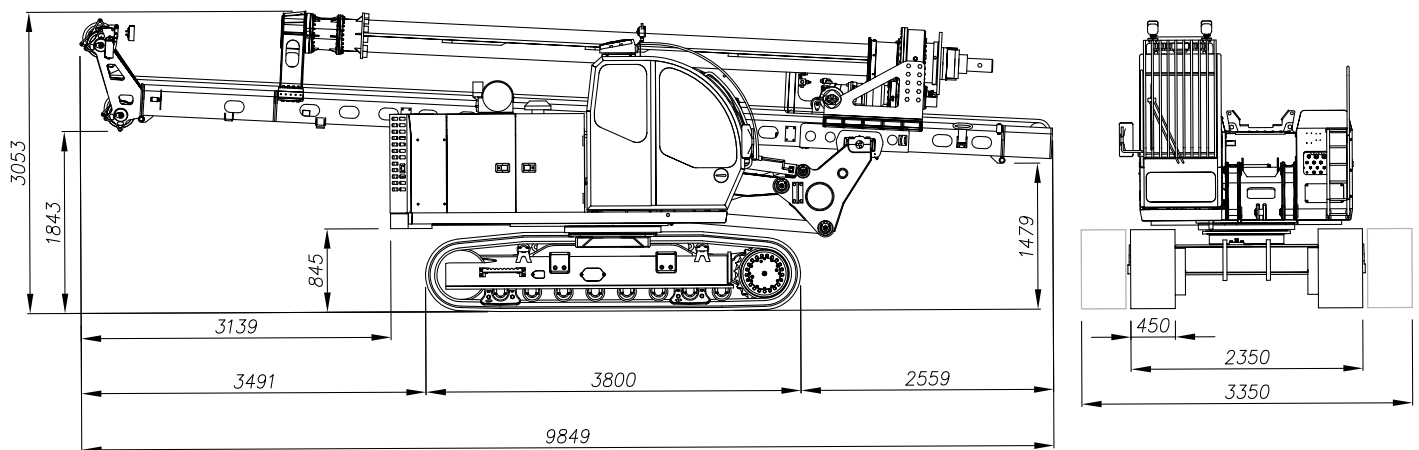
Aste a bloccaggio

Mechanical locking kelly bar

Elementi	Ø _e 1° tubo		Lunghezza (A)		Profondità		Altezza (H)	
Elements	Ø _e 1st tube		Length (A)		Depth		Height (H)	
	(mm)	(ft)	(mm)	(ft)	(m)	(ft)	(mm)	(ft)
5	323	1,06	7300	24,2	30	98,5	2576	8,4
5	323	1,06	6880	22,6	28	91,9	3026	9,9
5	323	1,06	6000	19,7	24	78,7	3906	12,8
5	323	1,06	4623	15,1	18	59	4761	15,6
5	323	1,06	3852	12,6	15	49,2	5436	17,8



Configurazione trasporto / Transport configuration

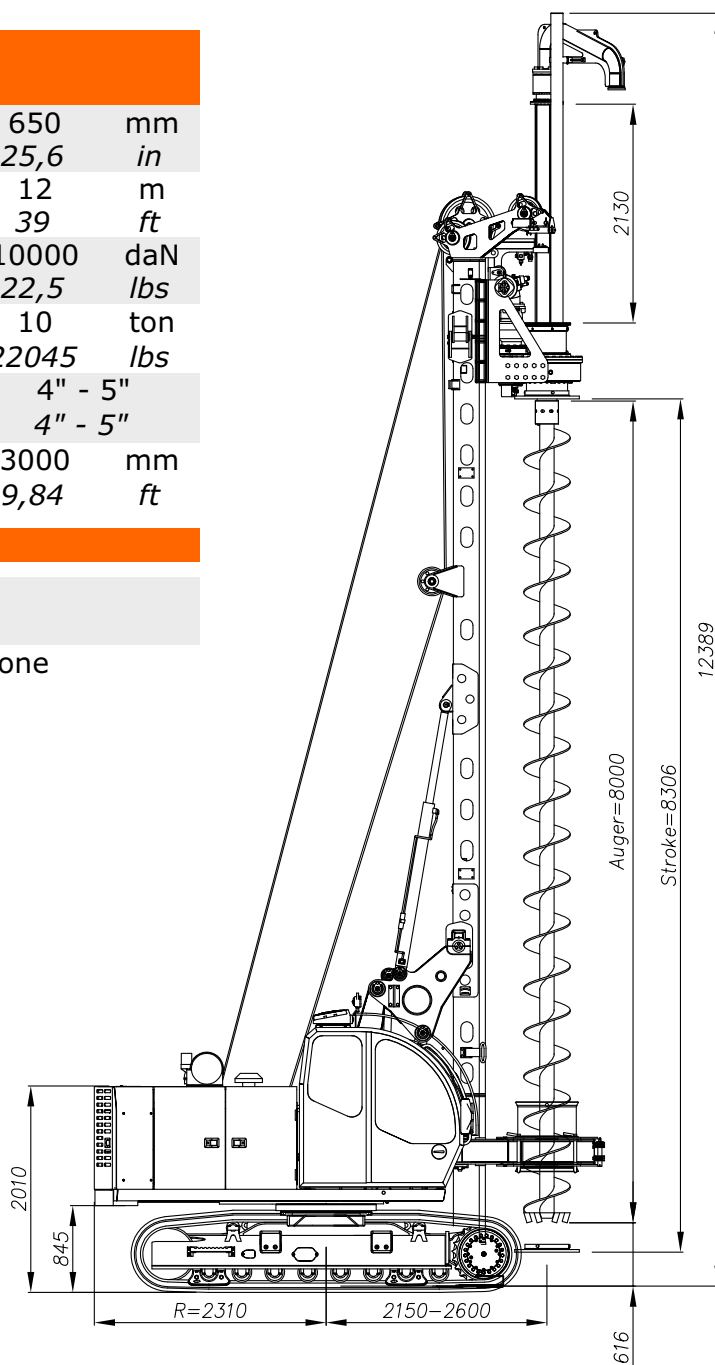


Dimensioni di scavo CFA Borehole dimensions CFA

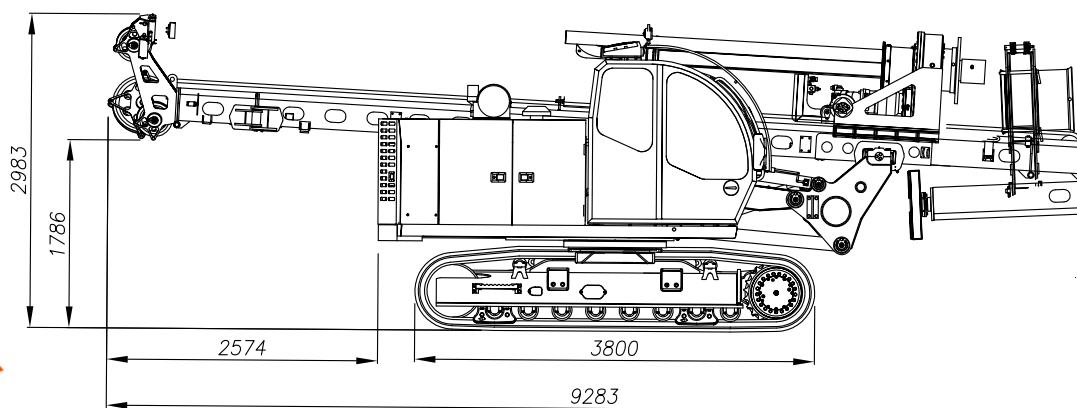
Diametro	650	mm
Diameter	25,6	in
Profondità massima	12	m
Max. depth	39	ft
Forza di estrazione	10000	daN
Main winch extraction	22,5	lbs
Spinta pull down	10	ton
Pull down crowd	22045	lbs
Diametro interno per passaggio cemento	4" - 5"	
Inner diameter for cement transit	4" - 5"	
Tubo prolunga elica	3000	mm
Over pipe extention	9,84	ft

Optional:

Pulitore eliche (tipo a stella)
Overcleaner (star type)
Computer di bordo per i parametri di perforazione
On board data logger for drilling parameters



Configurazione trasporto / Transport configuration





TES CAR SRL

(Head Office)

Via Flaminia II, 18

60027 Osimo(AN) - Italy

Tel. +39.071.7231883

Tel. +39.071.714372

Fax. +39.071.714416

Website. www.tescar.com

E-mail. info@tescar.com



The «drilling rigs tailor makers» since 1976

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All technical data in this brochure are purely indicative and subject to change without notice.

Rivenditore di zona / Local dealer: