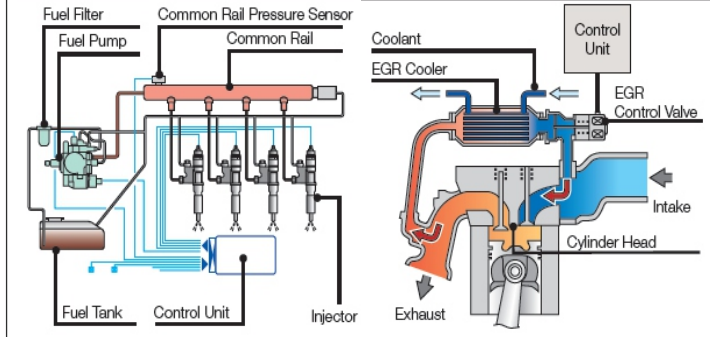


CF 3S Plus



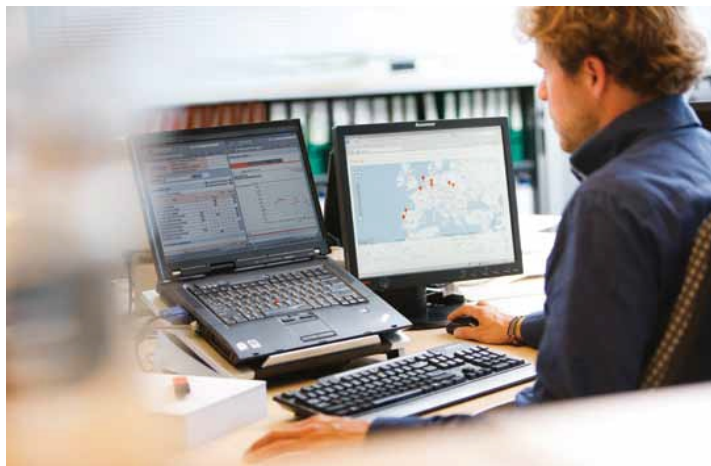
High Performances with Less Fuel Consumption

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



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



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

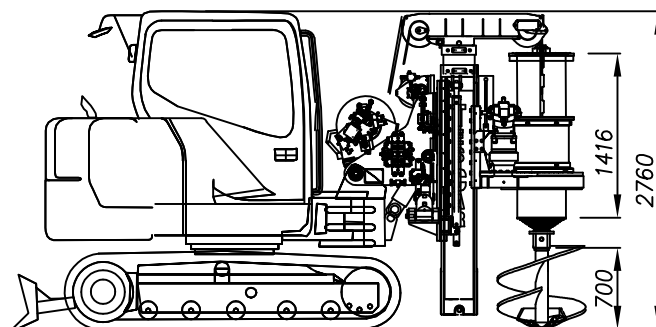
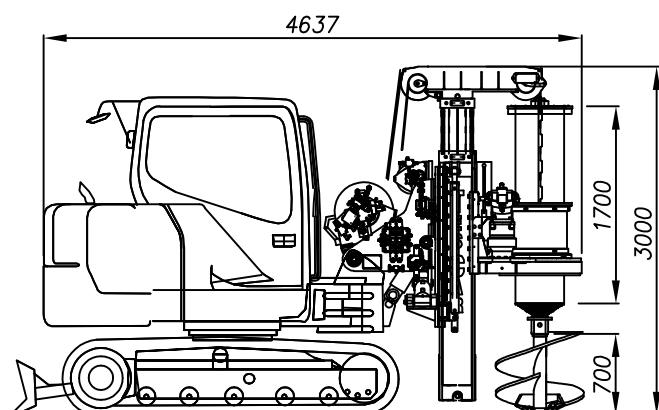
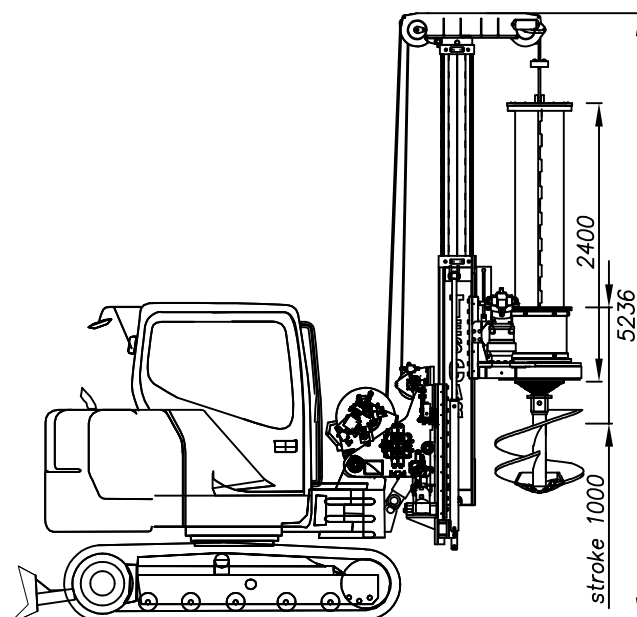
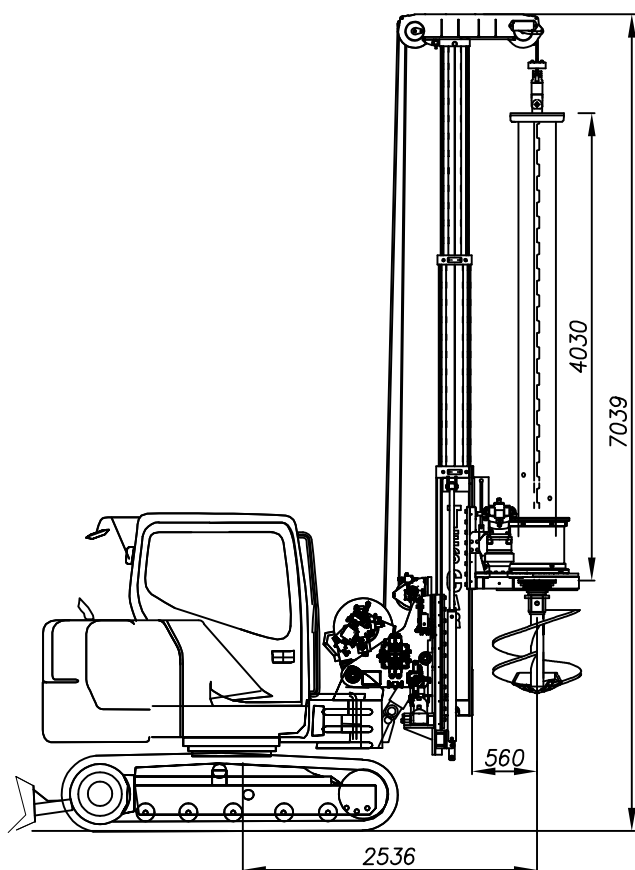
The new cabs provided with air conditioning, radio-CD player, multifunction LCD monitor and an absorbing and eating seat, guarantee a comfortable position and ensures an excellent view of the working area. Through the multifunction monitor (optional) the operator can check all the machine parameters 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.



Want more?
...get a **Plus**!



Base		Base				
Tipo	Type	CASE mod. CX80C				
Motore Diesel	Diesel engine model	Isuzu mod. AP-4LE2X				
Potenza 2200 rpm	Rated power at 2200 rpm	40,0	kW	55,0	HP	
Classe di emissioni	Emission class	Tier4 Final				
Capacità serbatoio carburante	Fuel tank capacity	120,0	l	31,7	gal	
Capacità serbatoio olio	Hydraulic oil tank capacity	51,0	l	13,5	gal	
Sottocarro		Undercarriage				
Larghezza cingoli	Width with tracks retracted	2320	mm	7,6	ft	
Lunghezza cingoli	Track length	2840	mm	9,3	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	148	l/min	39,0	gpm	
Pompa secondaria	Auxiliary pump flow	18	l/min	4,8	gpm	
Massima pressione di lavoro	Max working pressure	26	MPa	3.771	psi	
Capacità serbatoio olio	Oil tank capacity	51	l	13,5	gal	
Argani idraulici		Hydraulic winches				
Argano principale	Main winch line pull	4780	daN	10.746	lbs	
Argano di servizio	Service winchline pull	900	daN	2.023	lbs	
Testa di rotazione idraulica		Hydraulic rotary head				
Coppia	Torque	4000	daNm	29.502	ft lbs	
Velocità di perforazione	Rotation speed	15 - 30 - 60 rpm				
Velocità di scarico	Spin-off speed	60 rpm				
Corsa	Stroke	1500	mm	59,1	in	
Tiro massimo pull-down	Max. extraction force	8000	daN	17.985	lbs	
Spinta massima pull-down	Max. crowd force	13000	daN	29.225	lbs	
Dimensioni di perforazione		Drilling dimensions				
Diametro massimo	Max. diameter	1000	mm	39,4	in	
Diametro minimo	Min. diameter	350	mm	13,8	in	
Profondità massima	Max. Depth	24	m	72,2	ft	
Dimensioni per il trasporto		Transport dimensions				
Altezza	Height	2739	mm	9,0	ft	
Lunghezza	Length	4917	mm	16,1	ft	
Larghezza	Width	2320	mm	7,6	ft	
Peso (con asta da 22 m)	Weight (with 22 m kelly bar)	13000	kg	28.660	lbs	
Sistemi di sicurezza		Safety system				
Cicalino in movimento	Travel buzzer					
Estintore	Fire extinguisher					
Livella sulla torre	Spirit level on the mast					
Livella in cabina	Spirit level in the cab					
Arresto fine corsa	Limit switch					
Arresto motore esterno cabina	Cab safety lever					









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