



Casagrande S.p.A  
Via Malignani, 1  
33074 Fontanafredda  
Pordenone - ITALY  
TEL: +39 0434 9941  
FAX: +39 0434 997009

## SPECIAL OFFER



Cert. n° 0184/3  
UNI EN ISO 9001:2000

	NO.

POS	QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
A	1	<p><b>HYDRAULIC PILING RIG B175 XP</b></p> <p><b>Modern concept of Piling Rig</b> which includes specific features such as:</p> <ul style="list-style-type: none"> <li>- Full PLC (Programmable Logic Controller) system working in combination with the hydraulic circuit</li> <li>- New patented system for opening and closing doors for easy access to engine and major hydraulic parts. The patented system provides also safety for the technician and low noise emission levels.</li> <li>- New cabin designed for full comfort of operators.</li> </ul> <p><b>Self-erecting piling rig</b>, the B175 XP can be equipped with:</p> <ul style="list-style-type: none"> <li>- CFA (Continuous Flight Augers) arrangement (<b>max. dia. 1100 mm</b>)</li> </ul> <p>Operating weight (according to the working arrangements): ~ 42 ton <b>Nominal torque of rotary head: 175 kNm.</b></p> <p><b>Undercarriage</b> with hydraulically extendable tracks</p> <ul style="list-style-type: none"> <li>- Width closed: 2500 mm</li> <li>- Width open: 3700 mm</li> <li>- Total length: 4500 mm</li> <li>- Width of pads: 600 mm</li> </ul> <p><b>Fabricated steel upperstructure frame suitable for CE marking, mounted on a heavy duty, 360° slewing ring.</b></p> <p><b>The operator's cabin</b>, designed according to modern ergonomics practice, is mounted on silent blocks to isolate it from vibrations. Adjustable seat, radio and CD player, electric windscreen wipers, front and side windows, soundproofed arrangement and protective screens ensure operator comfort and safety.</p> <p>Air conditioning. Electronic handling of the machine. 10.4" graphic color display to show working parameters; complete engine and electric system check-up. Mast lifting and lowering aid, drilling depth measurement and automatic verticality system for mast.</p> <p><b>Power unit with water-cooled, turbocharged diesel engine model Cummins QSB 6.7 with Intercooler</b></p> <ul style="list-style-type: none"> <li>- <b>Certification EU STAGE IV - US EPA TIER 4 final</b></li> <li>- Rated power: 194 kW (260 HP) at 2200 rpm</li> <li>- Fuel tank capacity: 280 liters</li> </ul> <p>Open circuit hydraulic system with two main variable displacement piston pumps with Load Sensing control</p> <ul style="list-style-type: none"> <li>- capacity 2 x 210 l/min.</li> <li>- max pressure 350 bar</li> </ul> <p>Hydraulic oil tank capacity: 330 liters.</p> <p>Low temperature starting kit</p>		



Casagrande S.p.A  
Via Malignani, 1  
33074 Fontanafredda  
Pordenone - ITALY  
TEL: +39 0434 9941  
FAX: +39 0434 997009

## SPECIAL OFFER



Cert. n° 0184/3  
UNI EN ISO 9001:2000



	NO.

POS	QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		<b>ARRANGEMENT FOR PILES</b>  <b>Main winch, controlled load-lowering type</b> , driven by a fixed displacement, hydraulic axial piston motor. Fitted with a by-pass to release the rope when drilling (the by-pass is activated by the operator and is protected by a safety device). - <b>Nominal line pull: 160 kN</b> - Rope diameter: 24 mm - Max speed: 72 m/min Complete with drum roller. 24 mm diameter rope for main winch - CFA arrangement.  <b>Auxiliary winch, controlled load-lowering type</b> , driven by a fixed displacement, hydraulic axial piston motor: - <b>Nominal line pull on first layer: 70 kN</b> - For rope diameter 18 mm - Max speed at third layer: 63 m/min 18 mm dia. rope with 7,5 ton hook - for 70 kN auxiliary winch.  <b>ARRANGEMENT FOR CFA</b>  <b>Parallelogram type mast support</b> complete with lifting and positioning cylinders that allow lateral and longitudinal adjustment of 3°. All cylinders are provided with safety locking valves. Working radius: 2620-3300 mm.  Reinforced rectangular section steel mast composed of one 12,85 m long element and 2,5 m upper mast element  <b>Specially designed hydraulic mast foot element</b> (for longer stroke to allow mast swinging over the crawlers)  V type jib for CFA arrangement  <b>H18 ROTARY HEAD</b> Fitted on a support with replaceable wear plates. Driven by three hydraulic motors, each coupled to planetary reduction gears. - <b>Nominal torque: 175 kNm</b> - Max drilling speed: 32 rpm  <b>Arrangement for B175 with continuous flight auger</b> complete with: - Adapter for drive sleeve - Suspension block - Hydraulic hoses for rotary head - Transportation kit  Hexagonal female half joint <b>200 mm</b>  Kit for 125 mm (5") inner diameter sleeve complete with: - 125 mm i.d. swivel for concrete - Swan neck for concrete pipes  Short drive sleeve for CFA 6 m long drive sleeve for CFA  Hydraulic circuit <b>and specially designed spacer</b> for star type auger cleaner		



Casagrande S.p.A  
Via Malignani, 1  
33074 Fontanafredda  
Pordenone - ITALY  
TEL: +39 0434 9941  
FAX: +39 0434 997009

## SPECIAL OFFER



Cert. n° 0184/3  
UNI EN ISO 9001:2000


POS	QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		<p><b>Specially designed lower centering device for max. 1100 mm diameter</b>  600 mm reductions inserts for 1100 mm centering device  750 mm or 800 mm reductions inserts for 1100 mm centering device  900 mm reductions inserts for 1100 mm centering device</p> <p>Cab front board</p> <p>Emergency spare parts box.</p> <p style="text-align: center;"><b><u>OPTIONS and ACCESSORIES</u></b>  <i>Not included in the Price of B175 XP above</i></p>		
B	1	<b>Automatic greasing system</b> for the jib and mast return pulleys and for pins of parallelogram mast support. The system allows to set the duration and the interval between two greasing times.		
C	1	<b>Mechanical "Star type" auger cleaner</b>		
C.1	2	Wheel with steel rope inserts for star type auger cleaner <i>(with 6 and 10 arms)</i>		
D	1	<p><b>DIALOG Lutz instrumentation</b> for measuring, displaying and digital recording of the following parameters:</p> <ul style="list-style-type: none"> <li>- Drilling depth</li> <li>- Concrete pressure</li> <li>- Concrete capacity and volume</li> <li>- Mast inclination (two axis)</li> </ul> <p><b>- Kit Radio for concrete pump (€ 3.000,00)</b></p> <p>The instrument is complete with software for processing the data on a PC</p> <p>Kit for continuous extraction of CFA for DIALOG instrumentation.</p>		
E.1	1	<b>Concrete steel pipe</b> fitted on the upperstructure		
E.2	1	<b>Concrete flexible feed pipes</b> dia. 5" with HD joint for CFA arrangement.		
F	1	<p><b>Casagrande Live Dashboard</b> <i>(including license for lifetime use)</i>, c/w with:</p> <ul style="list-style-type: none"> <li>- modem</li> <li>- wiring</li> <li>- GPS system for rig localization</li> </ul>		
G	1	Video unit with two cameras and one 7" monitor to control the main winch drum and the space behind upperstructure.		



Casagrande S.p.A  
Via Malignani, 1  
33074 Fontanafredda  
Pordenone - ITALY  
TEL: +39 0434 9941  
FAX: +39 0434 997009

## SPECIAL OFFER



Cert. n° 0184/3  
UNI EN ISO 9001:2000


POS	QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		<p><b>ASSEMBLY/COMMISSIONING ON SITE</b> The equipment will be put into operation by a Casagrande technician in 4 days (including travelling days). Board and lodging, as well as local transportation to the job-site are at Buyer's charge and care.</p> <p><b>WARRANTY</b> Products are guaranteed against defects in material and workmanship, within the technical specifications and usual tolerances. The warranty shall not apply in case of (1) normal wear and tear on the Products, (2) defects or malfunctioning caused by negligence, installation or misuse from Seller's instructions, (3) non-compliance with Seller's Maintenance Manual, (4) improper maintenance, tampering or modification to the Products without Seller's prior written authorization, (5) use of non-original spare-parts, (6) repair carry out by unauthorized personnel and/or workshops. This warranty shall be valid for a period of <b>24 (twenty-four)</b> months from delivery or <b>2000</b> operating hours of the Product, which is the first to occur. This constitutes the sole and exclusive remedy of seller and his liability could not exceed for any reason whatsoever the price of the product. Neither Seller nor the Buyer shall be liable to each other for loss of production, loss of profit, loss of use or any other indirect or consequential damage whether or not caused by negligence and irrespective of by whomsoever caused.</p> <p><b>EX-WORKS DELIVERY TIME</b> Approximately 12 working weeks (<b>subject to prior sale</b>) after order confirmation by settlement of the Advance Payment.</p> <p><b>PAYMENT TERMS</b> To be agreed.</p> <p><b>TERMS OF DELIVERY</b> FCA FONTANAFREDDA (ITALY)</p>		

***On the TOTAL NET PRICE for all the above described we shall be pleased to grant a further 3% discount for order confirmation within 30.11.2016***