

SOILMEC R – 930

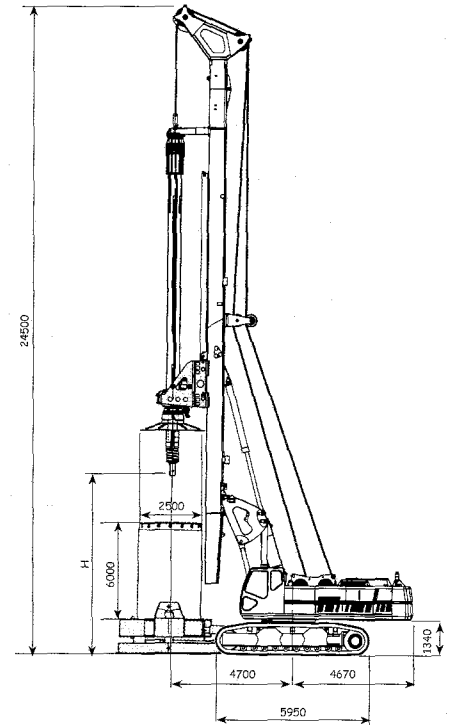
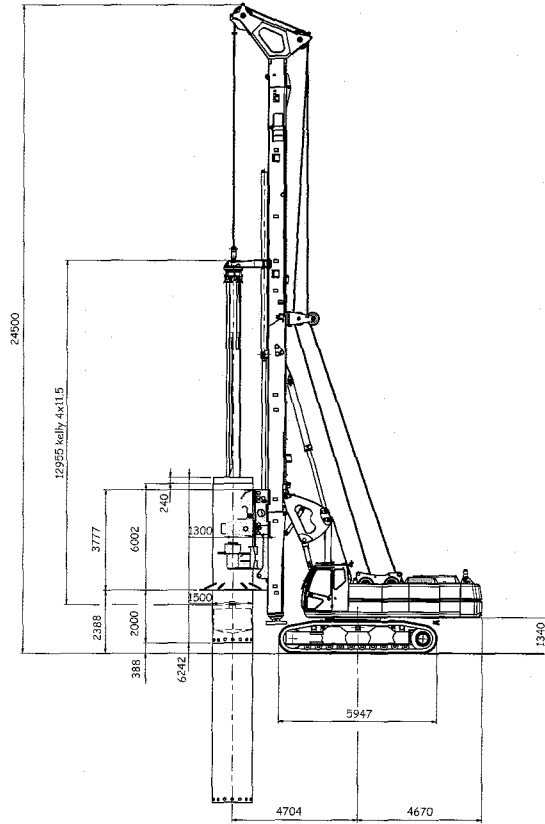
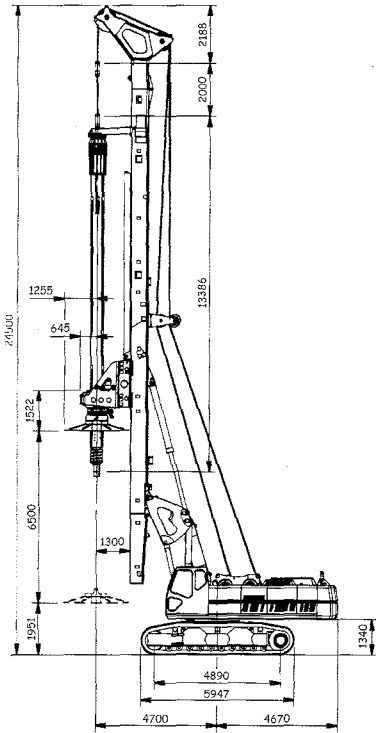
Rotary Hydraulic Foundation Drill Rig



MAIN FEATURES:

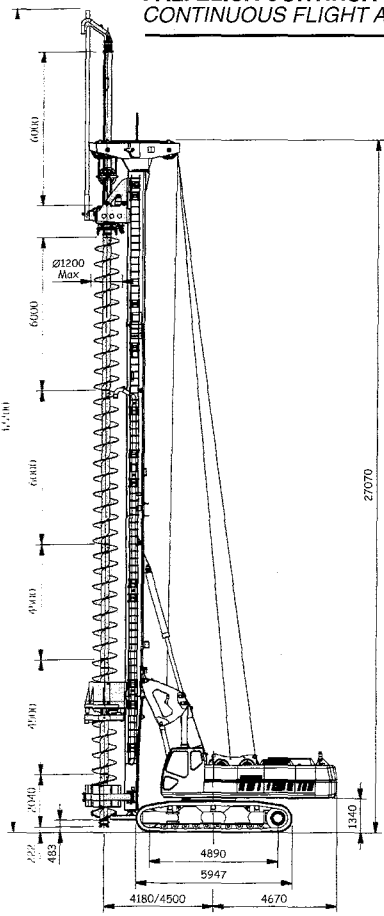
| | |
|--------------------------|---|
| Carrier: | Crawler Type undercarriage w/ expandable tracks |
| Undercarriage Footprint: | Length - 20 ft. (5950 mm) x Width 16.5 ft. (5000 mm) (Extended) |
| Operating Weight: | 210,000 – 230,000 lbs (105 - 115 Ton Class) |
| Torque: | 225,000 lbft-ft (305 kNm) |
| Depth: | 200 ft. (76 M) |
| Max. Diameter: | 10 ft. (3000 mm) |
| Optimal Diameter: | 48" - 72" (1200 mm – 1830 mm) |
| Material: | All |
| Crowd Pressure: | 72,000 lbf. (320 kN) |
| Tower Height: | 80 ft (24.5 Meters) |



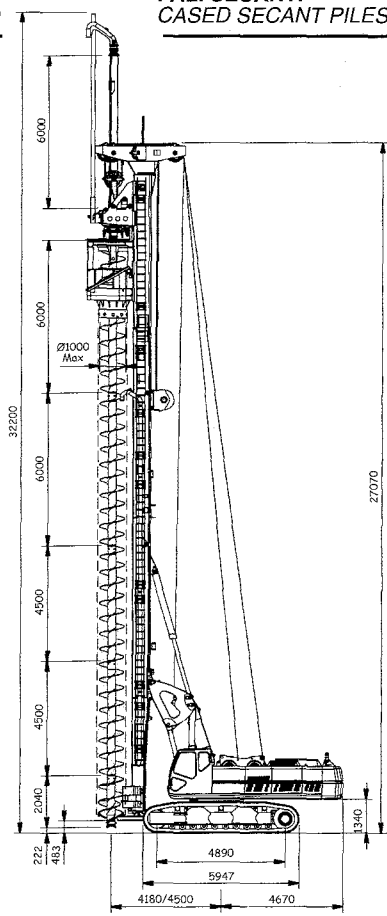


| TECHNICAL DATA | | PILE | TORQUE MULTIPLIER | PILE W. CASING | CFA | CSP | RC |
|---|-----|---------|-------------------|----------------------------------|---------------------|--|----------------------|
| Diametro max palo Max. pile diameter | mm | 3000 | 2500 | 2500 | 1200 | 1000 | 2500 |
| Diametro max intubato Max. cased diameter | mm | 2500 | 2500 | 2500 | - | 1000 | - |
| Max profondità palo Max. pile depth | m | 76,5 | 76,5 | 76,5 | 28.6 | 25 | 100-150 |
| Max profondità intubato Max. cased depth | m | - | - | - | - | 18.5 | - |
| Altezza max tubo colonna Casing max height | m | 6 | 6 | 6 | - | - | - |
| Max profondità con pulitore Max. pile depth w. auger cleaner | m | - | - | - | 27 | 25 | - |
| Forza di estrazione nominale (4°) Nominal extraction force | kN | - | - | - | 1160 | 1160 | 1160 |
| Cilindro tiro/spinta di estrazione Cylinder pull-up down on casing/kelly | kN | 320/150 | 320/150 | 320/150 | - | - | 320/150 |
| Coppia massima rotary Max rotary torque | kNm | 305 | 676 | 305 | 305 | 305 | 305 |
| Velocità max rotary Rotary max speed | rpm | 25 | 11 | 25 | 25 | 25 | 25 |
| Peso in ordine di lavoro Operating weight | ton | 105-110 | 110-115 | 105-110 + morsa / casing osc. | 95 + elica / CFA | 102 + elica e tubo / CFA and casing | 98 + aste / Kelly |
| Pull-down fune corsa Cable crowd system | m | 14 | 14 | 14 | 22,5 | 18,5 | - |
| Tiro / Spinta Pull-up / Down | kN | 400 | 400 | 400 | 200 | 400 | - |

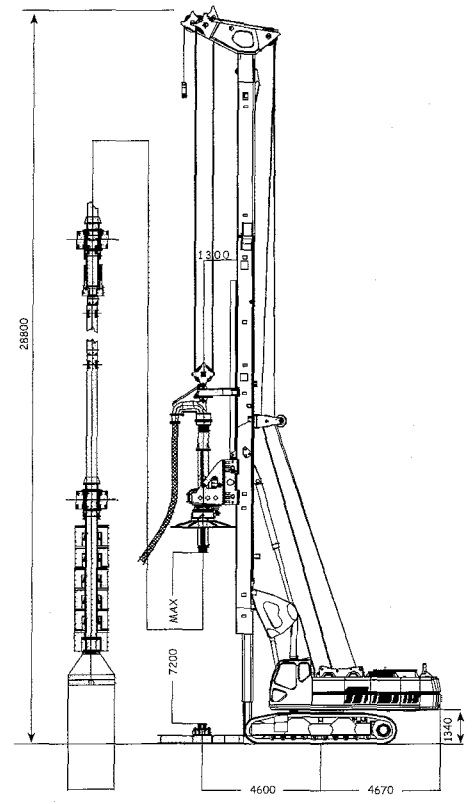
PALI ELICA CONTINUA
CONTINUOUS FLIGHT AUGER (CFA)



PALI SECANTI
CASED SECANT PILES (CSP)

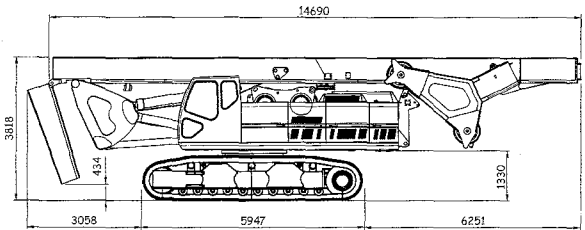
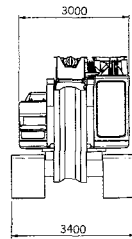
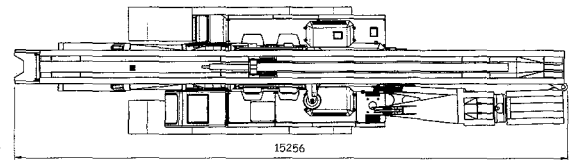


CIRCOLAZIONE INVERSA
REVERSE CIRCULATION



ASTE A FRIZIONE Ø 483 mm
FRICTION KELLY Ø 483 mm

| n° elementi n° elements | lungh. length | profondità depth | peso weight | H |
|----------------------------|------------------|---------------------|----------------|---------|
| 4x | 10,5 m | 37,0 m | 7000 kg | 9900 mm |
| 4x | 11,5 m | 41,0 m | 7500 kg | 8800 mm |
| 4x | 13,5 m | 49,5 m | 8500 kg | 6760 mm |
| 4x | 15,5 m | 57,5 m | 9500 kg | 4770 mm |
| 4x | 16,5 m | 61,0 m | 10000 kg | 3860 mm |
| 5x | 10,5 m | 46,0 m | 7600 kg | 9900 mm |
| 5x | 11,5 m | 51,5 m | 8300 kg | 8800 mm |
| 5x | 13,5 m | 62,0 m | 9600 kg | 6760 mm |
| 5x | 15,5 m | 72,0 m | 10900 kg | 4770 mm |
| 5x | 16,5 m | 76,5 m | 11500 kg | 3860 mm |



ASTE A BLOCCAGGIO MECCANICO Ø 483 mm
MECHANICAL LOCKING KELLY Ø 483 mm

| n° elementi n° elements | lungh. length | profondità depth | peso weight | H |
|----------------------------|------------------|---------------------|----------------|---------|
| 4x | 10,5 m | 37,0 m | 7000 kg | 9900 mm |
| 4x | 11,5 m | 41,0 m | 7500 kg | 8800 mm |
| 4x | 13,5 m | 49,0 m | 8500 kg | 6760 mm |
| 4x | 15,5 m | 57,0 m | 9500 kg | 4770 mm |
| 4x | 16,5 m | 61,0 m | 10000 kg | 3860 mm |

PESI e DIMENSIONI / WEIGHTS and DIMENSIONS

| | | |
|--|-----|----------------------------|
| Larghezza in trasporto Transport width | mm | 3400 / 3000 ⁽¹⁾ |
| Altezza in trasporto Transport height | mm | 3560 / 3200 ⁽¹⁾ |
| Peso in trasporto, min. Minimum transport weight | ton | 45 ⁽²⁾ |

La misura standard per il quadro attacco utensili è 200 x 200 mm
Standard dimension of tool connection is 200 x 200 mm

(1) Con / Senza cingolato. With / Without tracks.
(2) Senza cingoli, zavorra, rotory, kelly, testata con carrucole, prolunga antenna.
Tracks, counterweight, rotary, bottom & top mast section, sheave head removed.