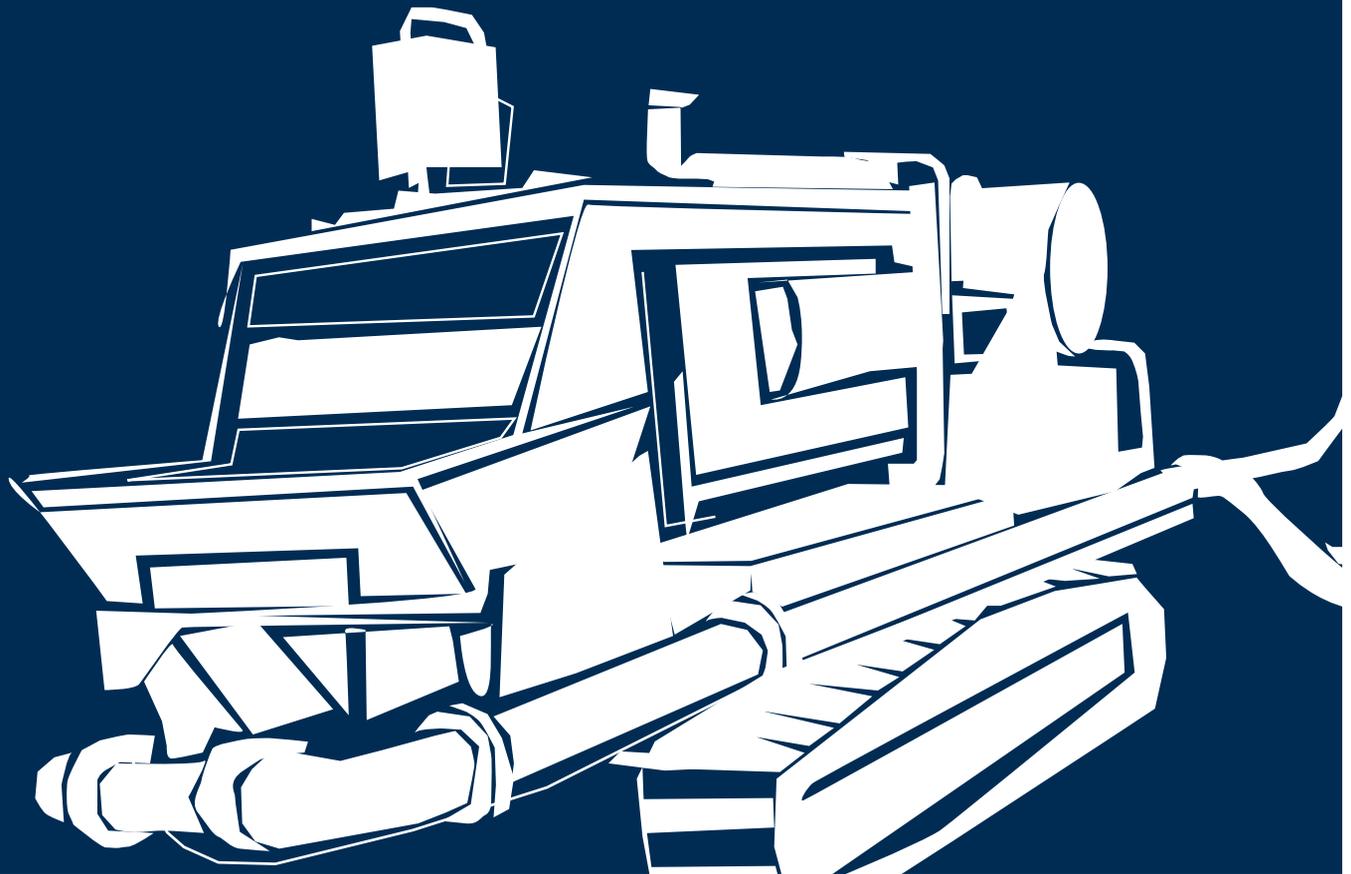


CONCRETE PUMPS

JOB SITE EQUIPMENT



MECBO

SOILMEC 
Drilling and Foundation Equipment

CONCRETE PUMPS

JOB SITE EQUIPMENT

A new model

After a few years of a valuable technical cooperation between SOILMEC S.p.A. and MECBO S.r.l., it has been designed, realized and successfully tested a revolutionary idea for concrete pumps, particularly suitable to be used in continuous flight auger drilling operations.

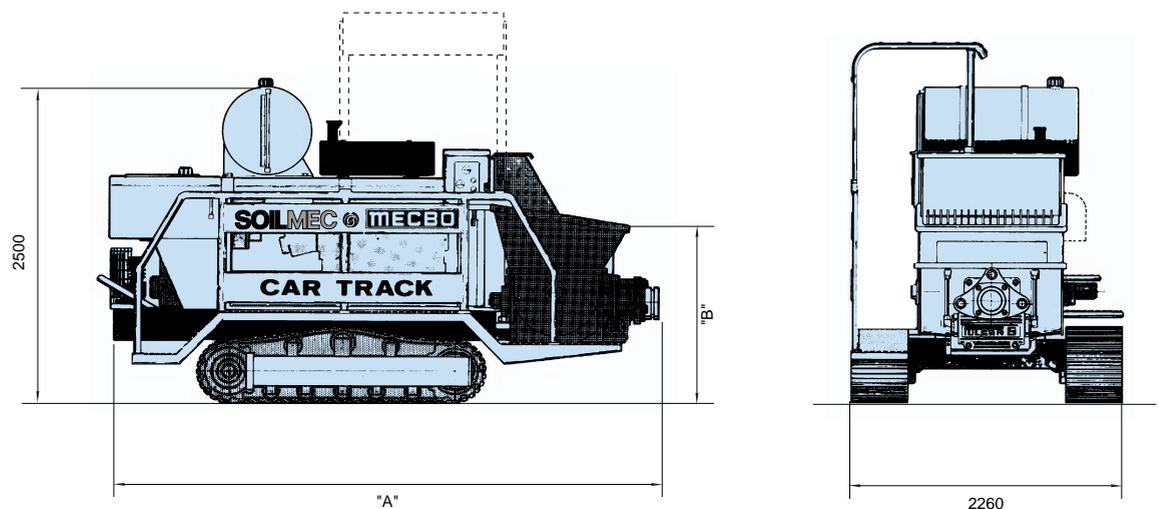
Self-propelled and crawler mounted pumping units have been specifically manufactured; one of the outstanding feature is that they can work closely to the hydraulic rotary rigs, C.F.A. version. This special type of pump incorporates a concrete pipe cleaner air compressor to be used after piling execution and a water tank for its own cleaning. Experts in this field, well understand the remarkable economic advantages of this pump compared to traditional concrete ones, without air compressors and water tanks.

Brands such as DEUTZ and CUMMINS' diesel engines, IDROMATIK-REXROTH hydraulic system, BERCO's crawler tracks, SIEMENS electrical systems and the steel abrasion resistance of the materials, have been chosen because of their high performances allowing high reliability and efficiency.

Last but not least, the so-called "PULSAR SYSTEM" patented by MECBO to actuate the "S" shape-valve; it saves up to 40 % energy compared to traditional piston pump systems.

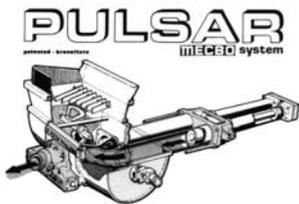
Several tests, carried out at Job Sites, have shown the validity of the equipment and with pride we affirm that SOILMEC has made a step further on the concreting technique in C.F.A. version.

On this respect a wide range of concrete pumps has been developed together with MECBO to satisfy the C.F.A. market requests.



Concrete Pumps

| Make / Model | | P4.65 | P6.80 | P6.90 | P6.100 | P6.120 |
|-------------------------|-------|----------|----------|-----------|-----------|-----------|
| Nominal power | HP | 120 | 150 | 180 | 180 | 180 |
| Engine | type | F6L 912 | BF6L 913 | BF6L 913C | BF6L 913C | BF6L 913C |
| Cylinders diameter | mm | 180 | 200 | 200 | 200 | 200 |
| Cylinders stroke | mm | 1400 | 1400 | 1600 | 1800 | 2000 |
| Hopper capacity | lt. | 400 | 450 | 450 | 450 | 450 |
| Cycles per minute | n° | 30 | 30 | 30 | 30 | 32 |
| Delivery | mc/h | 64 | 79 | 90 | 101 | 120 |
| Gate pressure | BAR | 50 | 50 | 50 | 50 | 50 |
| Air compressor output | lt/m' | 1050 | 1050 | 1050 | 1270 | 1270 |
| Air compressor pressure | BAR | 10 | 10 | 10 | 10 | 10 |
| Gate diameter | mm | 125 (5") | 5" ÷ 6" | 5" ÷ 6" | 5" ÷ 6" | 5" ÷ 6" |
| Pump weight | kg | 6500 | 7000 | 7200 | 7800 | 8000 |
| Dimensions A | mm | 4700 | 4700 | 5100 | 5500 | 5900 |
| B | mm | 1300 | 1300 | 1400 | 1400 | 1400 |



The PULSAR system allows the movement of the "S" valve by a special device, driven by a tangential movement equipment to avoid the change of pressure that is present on pistons pumping system. This system saves of 30-40% of energy compared to the other systems.



SOILMEC distributes machinery and structures all over the world, supported by SOILMEC subsidiary companies and representative offices as:

SOILMEC LTD - U.K.

SOILMEC MISR S.A.E. Co. - Egypt

SOILMEC (H.K.) Limited - Hong Kong

SOILMEC JAPAN CO LTD - Japan

SOILMEC S.P.A. - Beijing Repr. Office - P.R. China

SOILMEC FAR EAST PTE.LTD - Singapore

SOILMEC EMIRATES - U.A.E.

SOILMEC GULF - U.A.E.

CERTIFIED QUALITY SYSTEM

In 1990 Soilmec was awarded the certification of its own Quality System to ISO 9001/UNI 29001 series standards.



SOILMEC S.p.A.

Drilling and Foundation Equipment

5819, via Dismano

47023 Cesena (FC) - Italy

tel. +39-0547-319111

fax +39-0547-318548

[http:// www.soilmec.it](http://www.soilmec.it)

e-mail: soilmec@soilmec.it

MECBO

8/10/12, via Umbria - Osteria Grande - 40060 Castel S. Pietro Terme (BO)
Tel. 051/945085 • Fax 051/945220 • e-mail: info@mecbo.it