SM-401
HYDRAULIC DRILLING RIG

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

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SMOILMEC MALAYSIA - Malaysia
SMOILMEC GULF - U.A.E.
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OPTIONALS
1 - Variable Speed Rotary Heads.
2 - Double Head.
3 - Top hammer.
4 - Flushing Pump.
5 - Rod carousel for 6 or 2 rods depending on rig configuration.
6 - Lifting Crane.
7 - 90° mast articulation for tie back.

1 - Crawler undercarriage with +/- 10° oscillating tracks.
2 - Machine body including prime mover, hydraulic plant with load sensing control and soundproof canopy.
3 - N°2 hydraulic outriggers.
4 - Control levers for rig positioning.
5 - Articulated boom for mast positioning.
6 - 4 x 90° turntable for mast rotation.
7 - 1000 mm stroke cylinder for mast shoring.
8 - Rotary cradle with adjustable rollers and 400 mm side shifting device.
9 - Variable speed rotary head with 1400 daNm max torque, 238 rpm max rotation.
10 - Floating system with standard rotary head.
11 - Clamp max. dia. 415 mm.
12 - Breaker max. dia. 415 mm.
13 - Control board on rotating arm for drilling and service functions.
14 - Service winch with jib.
15 - Guiding and lay-out device for hydraulic hoses.

SMOILMEC S.r.l. - Drilling and Foundation Equipment
VIA DISMANO 47023 CESENA (FC) - ITALY
TEL. +39-0547-319111
FAX +39-0547-318548
HTTP://WWW.SOILMEC.IT
E-MAIL: SOILMEC@SOILMEC.IT
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5819, via Dismano
47023 Cesena (FC) - Italy

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http://www.soilmec.it
e-mail: soilmec@soilmec.it

1797x809
1 - Crawler undercarriage with +/- 10° oscillating tracks.
2 - Machine body including prime mover, hydraulic plant with load SENSING control and soundproof canopy.
3 - 2° hydraulic outriggers.
4 - Control lever for mast rotation.
5 - Articulated boom for mast positioning.
6 - 4° turntable for mast rotation.
7 - 1000 mm stroke cylinder for mast shoring.
8 - Rotary cradle with adjusting rollers and 400 mm side-shifting device.
9 - Variable speed rotary head with 1400 daNm max torque, 238 rpm max rotation.
10 - Drilling system with standard rotary head.
11 - Clamp max diam. 615 mm.
12 - Breaker max diam. 615 mm.
13 - Service board and operating cab for drilling and service functions.
14 - Service winch with jib.
15 - Guiding and lay-out device for hydraulic hoses.

1798x195
1 - Variable Speed Rotary Heads.
2 - Double Head.
3 - Top hammer.
4 - Flushing Pump.
5 - Rod carousel for 6 or 2 rods depending on rig configurations.
6 - Lifting Crane.
7 - 90° mast articulation for tie back.
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1 - Crawler undercarriage with +/- 10° oscillating tracks.
2 - Machine body including prime mover, hydraulic plant with load SENSING control and soundproof canopy.
3 - 2 hydraulic outriggers.
4 - Control levers for rig positioning.
5 - Articulated boom for mast positioning.
6 - 4 x 90° turntable for mast rotation.
7 - 1000 mm stroke cylinder for mast shoring.
8 - Rotary cradle with adjustable rollers and 400 mm side-shifting device.
9 - Variable speed rotary head with 1400 daNm max torque, 238 rpm max rotation.
10 - Floating system with standard rotary head.
11 - Clamp max. dia. 415 mm.
12 - Breaker max. dia. 415 mm.
13 - Service winch with jib.
14 - Guiding and lay-out device for hydraulic hoses.

OPTIONALS
1 - Variable Speed Rotary Heads.
2 - Double Head.
3 - Top hammer.
4 - Flushing Pump.
5 - Rod carousel for 6 or 2 rods depending on rig configurations.
6 - Lifting Crane.
7 - 90° mast articulation for tie back.