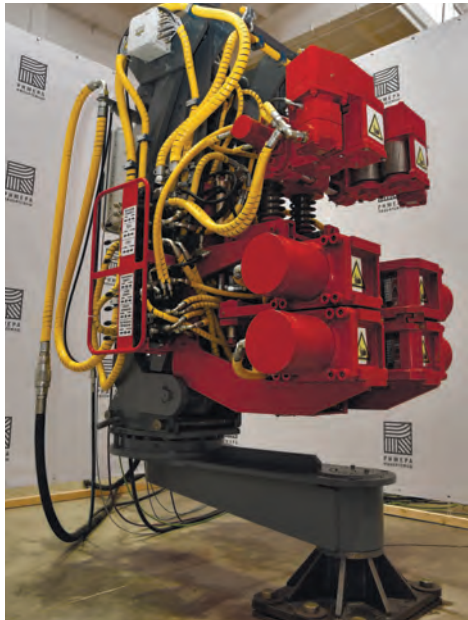


ARMATIC IRON ROUGHNECK



ARMATIC iron roughneck with software control is designed for makeup and breakdown operations of drill pipes and casings with OD from 2 7/8" (73 mm) to 9 5/8" (245 mm).

FEATURES

- Touch screen remote control
- High precision torque
- On-line visualization
- Data transfer via GSM, Wi-Fi, USB & Ethernet
- Reduced makeup / breakdown time

SPECIFICATIONS	METRIC	FIELD
Tool joint connection OD range	73-245 mm	2 7/8" – 9 5/8"
HPU pressure	200 bar	2900 psi
HPU flow rate	200 lpm	53 gpm
Maximum makeup torque	100 000 Nm	73 756 ft-lbs
Maximum breakout torque	120 000 Nm	88 507 ft-lbs
Spinner torque	3 900 Nm	2876 ft-lbs
Spinner speed	100 rpm	
Horizontal travel	2000 mm	78.7"
Vertical travel	900 mm	35.4"
Weight	4000 kg	8 818 lbs
Weight of HPU	1100 kg	2 425 lbs
Weight of remote control	55 kg	121 lbs
Size [mm / inch]	1865 x 1509 x 2365	73.4 x 59.4 x 93.1
Size of HPU [mm / inch]	1800 x 1300 x 1340	70.9 x 51.2 x 52.8
Size of remote control [mm / inch]	450 x 450 x 1345	17.7 x 17.7 x 53.0

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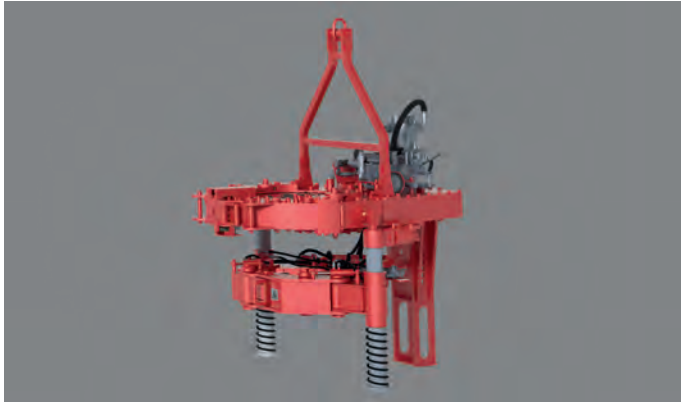
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AR/MEX CASING

Designed for makeup and breakdown operations of casing including casing with premium threads.

AR/MEX DRILL

Designed for makeup and breakdown operations of tubing, drill pipe, heavy-weight, drill collar and casing.

FEATURES

- Simple design
- Reliable construction
- Light weight
- Torque readings regulation, control, recording, storage and transmission to a PC
- Backup (optional for **AR/MEX CASING**)

SPECIFICATIONS	AR/MEX CASING	AR/MEX DRILL
Pipe size range	4" – 14" (102 - 356 mm)	2 3/8" – 8 5/8" (60 - 219 mm)
HPU pressure	200 bar (2900 psi)	
HPU flow rate	200 lpm (53 gpm)	
Maximum torque	68 400 Nm (50 449 ft-lbs)	54 000 Nm (39 828 ft-lbs)
Maximum speed	62 rpm	64 rpm
Vertical travel	600 mm (23.6")	
Drain line pressure	5 bar (73 psi)	
Tong weight: - w/o backup - with backup	950 kg (2094 lbs) 1300 kg (2866 lbs)	- 1600 kg (3527 lbs)
Tong size: - w/o backup, mm (inch) - with backup, mm (inch)	1660x1260x1255 (65.4 x 49.6 x 49.4) 1660x1085x2075 (65.4 x 42,7 x 81.7)	- - 1000 x 1735 x 1600 (39,4 x 68.3 x 63.0)