

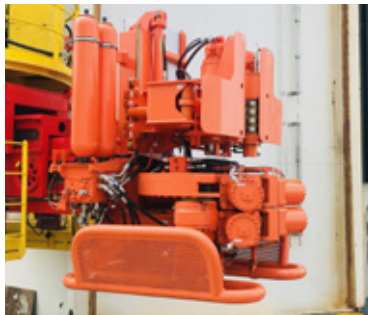
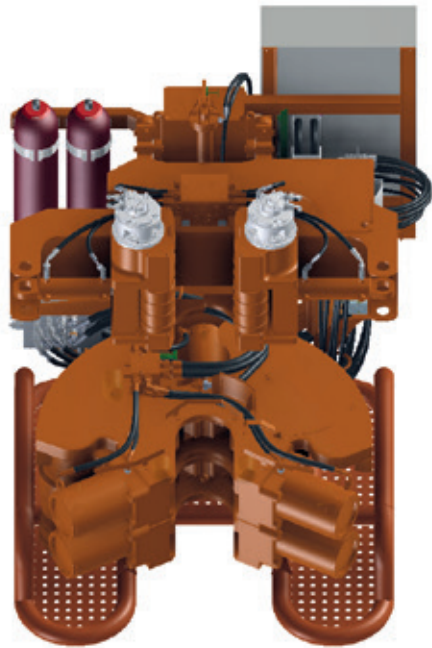
HUISMAN PRODUCT SHEET

# IRON ROUGHNECK

**Iron Man**



# IRON ROUGHNECK



## ENABLES AUTOMATED DRILL STRING MAKE-UP

The Huisman Iron Roughneck is designed for ultra-fast and precise make-up and break-out. You will increase efficiency by a faster tripping & drilling cycle and extend tool joint life. Our Automated Iron Roughneck is a boost in performance.

### FASTER

- Save two days per year - Gaining based on 30,000 tripped stands
- One turn make-up & break-out - Extended wrench rotation
- Accurate drill pipe stabbing - Spinner functions as stabbing guide

### SAFER

- Secure connection - Accurate torque measurement
- Tool joint friendly - Evenly distributed clamping force and torque dependent squeeze force
- All round suspension - Pedestal mounted, wheeled frame or Huisman Manipulator
- CE and Ex conform - Complies with standards

### SIMPLER

- Automated cycle - Fully make or break a connection with one button push
- Handles extended range of pipe - Large maximum opening
- Easy BHA make-up - Optimal spinner clearance

## TECHNICAL SPECIFICATION

MODEL		IRN120	IRN165
<b>Torque</b>			
Maximum spinner torque (Ø5" DP)	ft · lbs	2.0	3.6
Maximum make-up torque	ft · lbs	100,000	139,000
Maximum break-out torque	ft · lbs	120,000	165,000
Maximum arrest torque	ft · lbs	100,000	139,000
<b>Speed</b>			
Make-up cycle (Ø5" DP)	s	18	15
Break-out cycle (Ø5" DP)	s	16	13
<b>Pipe range</b>			
Minimum pipe diameter	inch	Ø2 <sup>7/8</sup>	Ø3 <sup>1/2</sup>
Maximum pipe diameter	inch	Ø9 <sup>5/8</sup>	Ø11
Minimum tool joint diameter	inch	Ø3 <sup>3/8</sup>	Ø4 <sup>3/8</sup>
Maximum tool joint diameter	inch	Ø9 <sup>5/8</sup>	Ø11

**Huisman Equipment B.V.** This leaflet may not be copied, reproduced, distributed or disclosed by any other than Huisman Equipment B.V. or its subsidiaries and affiliates. This leaflet shall not be deemed to make any representation or warranty as to the accuracy or completeness of the information reflected therein. On the products as described in this leaflet intellectual property rights are vested.

09-2020