

Smart Solutions. Powerful Products.



Floorhand FH-80

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WRENCH & SPINNER COMBINATION TOOL

The FloorHand FH-80 has been designed for ease of operation considering the highest standard for safety, while providing a tool to the industry with economics and efficiency in mind.

The FloorHand FH-80 is available as a hanging version or in combination with a manipulator arm to well center and mousehole use.

The FloorHand FH-80 can be controlled directly on the tool or remotely through a standalone control panel or drillers' panel.

Benefits & Features:

Safety:

- Replaces manual tong handling
- Reduces physical exposure to the rig
- One size fits all, eliminating size component change-overs

Economics:

- Best value in the industry
- Least amount of standard operational spare parts
- Simple and easy to maintain
- No special tools for operation or maintenance

Efficiency:

- Simple logic for operating the FloorHand
- Fast, repetitive and reliable make-up torque

Controls:

- Simple logic operating handles for FloorHand and manipulator arm
- Optional remote operation through standalone panel, integrated into drillers' console or wireless through a belly pack

Wrench Clamping:

- Opposing clamp cylinders self adjust to varying pipe sizes eliminating the need for manual adjustments

Torque Setting:

- Set torque once on the first connection
- Ft-lb read-out directly from gauge
- Torque adjustment and gauge located on FloorHand

Universal Die Block:

- One size fits all, eliminating Die Block change outs
- Uses standard tong dies
- Centering buttons for pipe alignment

Spinner Rollers:

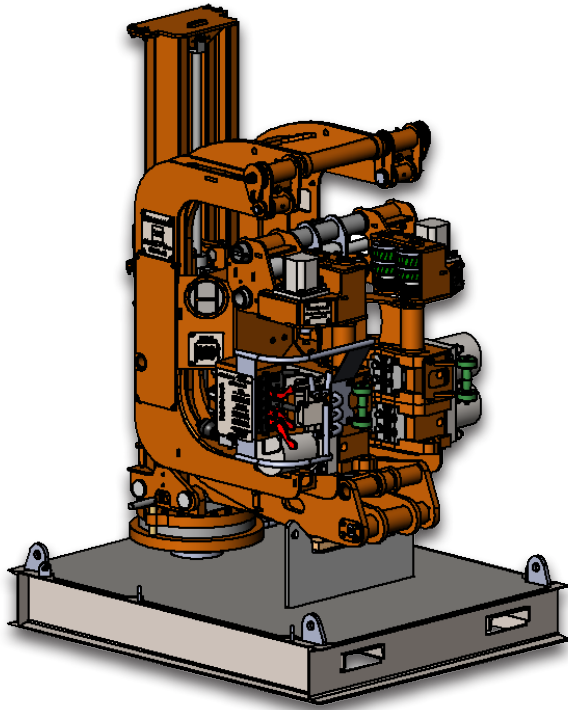
- Clamping force of steel coupled with the compressibility of Griphane reduces pipe slipping
- Shoulders-Up pipe connection every time
- Quick and easy roller change out

In Line Pressure Filter:

- Protects critical hydraulic components of the unit
- Extends lifetime and reliability by ensuring a clean hydraulic fluid

Self-Adjustable Pipe Stop:

- Engagement of Die Block self-adjusts the Pipe Stop to position it for proper pipe centering



Part Numbers (Standard Units):

- FloorHand: 9GF-3100 Cantilever Style FloorHand and Free Hanging Unit
- Manipulators: 9FM-3500 Cantilever Manipulator / 9FM-2050 Lift Cylinder Assembly
- Transport Skid: 9FH-01389 (Regular Units) / 9FH-01389-A (Automated Units) 9FH-01388 (Regular Units Container) / 9FH-01388-A (Automated Units Container)
- Power Unit: 9PU-7200** (Equipped with Cooler) 9PU-7300** (Equipped with Heater)

Specification:

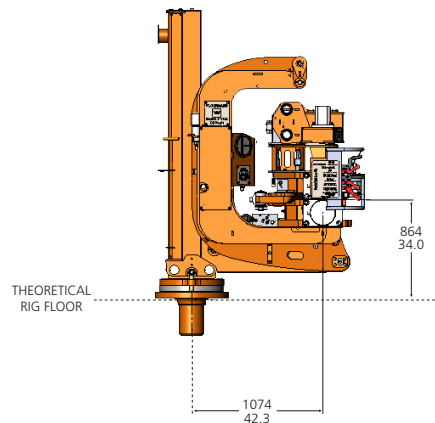
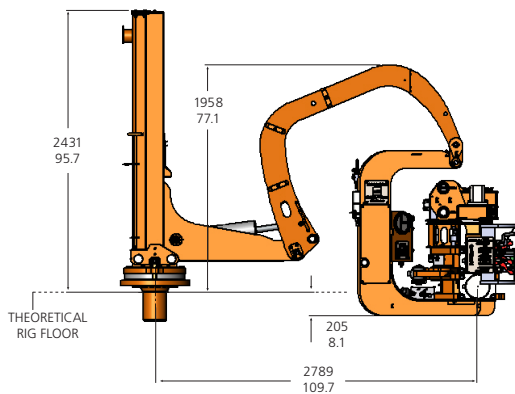
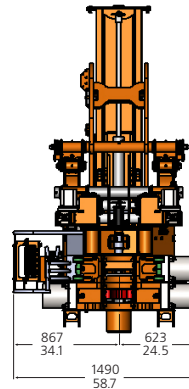
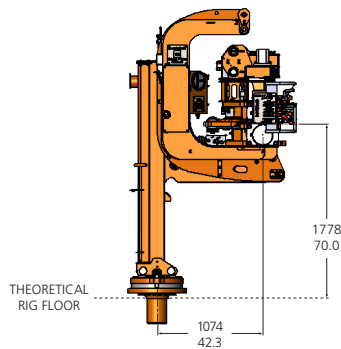
- Size Range: 4" OD-8 1/2" OD* / 101.6mm OD-215.9mm OD
- Make-Up Torque: 65,000 ft-lbs / 88,300 Nm
- Break-Out Torque: 80,000 ft-lbs. / 108,500 Nm
- HPU Requirements**: 2,600 psi @ 25 gpm / 172 bar @ 94 l/min

Weights:

- 9GF-1002 Free Hanging Unit: 4,550 lbs. / 2,063kg
- 9GF-1100 Cantilever Style FloorHand: 7,200 lbs. / 3,274 kg
- Transport Skid: 980 lbs. / 444 kg
- Power Unit: 2,200 lbs. / 998 kg

*3 1/8" OD (79.4mm OD) can be reached via adapter, 9FH-10703

**It is recommended that the FloorHand is powered by the Forum Hydraulic Power Unit (9PU-7200 or 9PU7300)



Our goal is to become the leading provider of mission critical oilfield products and related services in terms of customer satisfaction, safety and financial performance.

Our experienced management team and employees are dedicated to solving our customers' problems. We invest in long term relationships and cooperate on product development with our clients, we consider them our partners.

OUR CORE VALUES

No one gets hurt: The safety of our employees and customers is our first priority coupled with a healthy respect for the environment.

Integrity: In everything we do, in every interaction, both internally and externally, we strive to operate with the upmost integrity and mutual respect.

Customer focused: Our products enhance our customer's performance and we listen to their needs and work with them to solve their challenges.

Good place to work: We are committed to creating a workplace that fosters innovation, teamwork and pride. Every team member is integral to our success and is treated equally and fairly.



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