

Smart Solutions. Powerful Products.



Floorhand FH-70

# FloorHand FH-70

## WRENCH & SPINNER COMBINATION TOOL

The FloorHand FH-70 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-70 is available as a hanging version or in combination with a manipulator arm for well center and mousehole use.

### **Benefits & Features:**

#### Safety:

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

#### Economics:

- Best value in the industry
- Least amount of standard operational spare parts
- Supreme accessibility for maintenance
- No special tools for operation or maintenance required

#### Efficiency:

- Simple logic for operating the FloorHand FH-70
- Fast, repetitive and reliable make-up torque
- Self-adjusts to a wide range of pipe sizes

#### Controls:

- Simple logic operating handles for FloorHand and manipulator arm

#### Wrench Clamping:

- Opposing clamp cylinders self adjust to varying pipe sizes eliminating the need for manual adjustments;
- 2.7/8 lower torque option

#### 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:

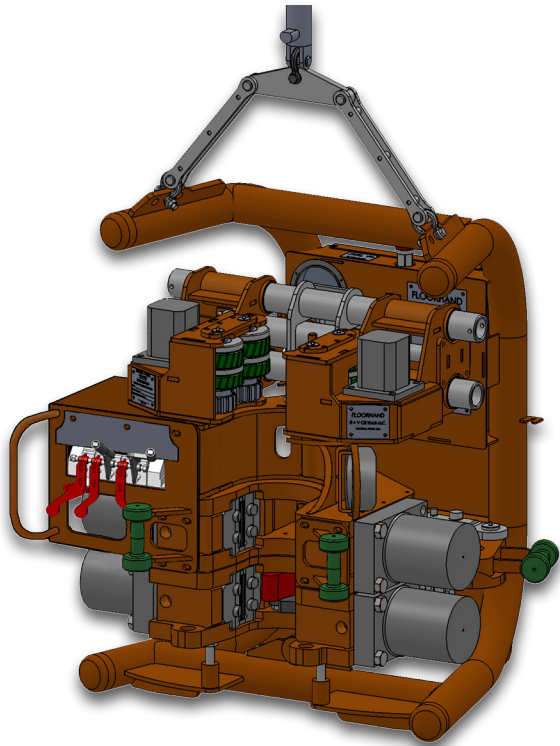
- Clamping force of steel coupled with the compressibility of Griphane reduces pipe slipping
- Shoulders-Up pipe connection everytime
- Quick and easy roller change out

#### 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



#### Specifications:

- Size Range: 3 1/2" OD–7 1/2" OD\* / 88.9 mm OD–190.5 mm OD
- Make-Up Torque: 50,000 ft-lbs / 67,791 Nm
- Break-Out Torque: 70,000 ft-lbs. / 94,907 Nm
- HPU Requirements\*\*: 2,500 psi @ 23 gpm / 172 bar @ 87 l/min

#### Weights:

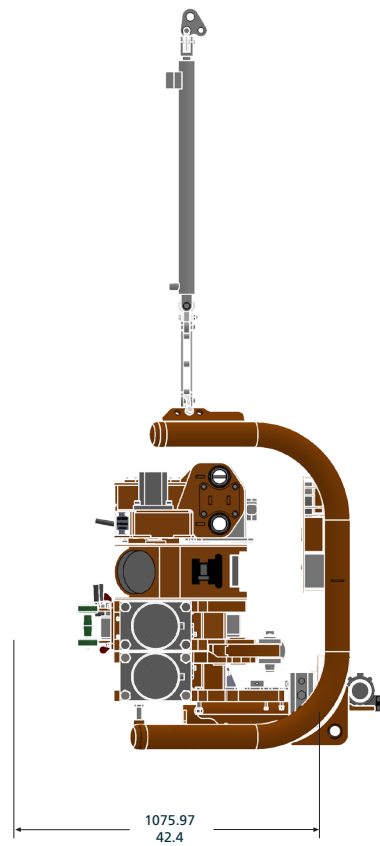
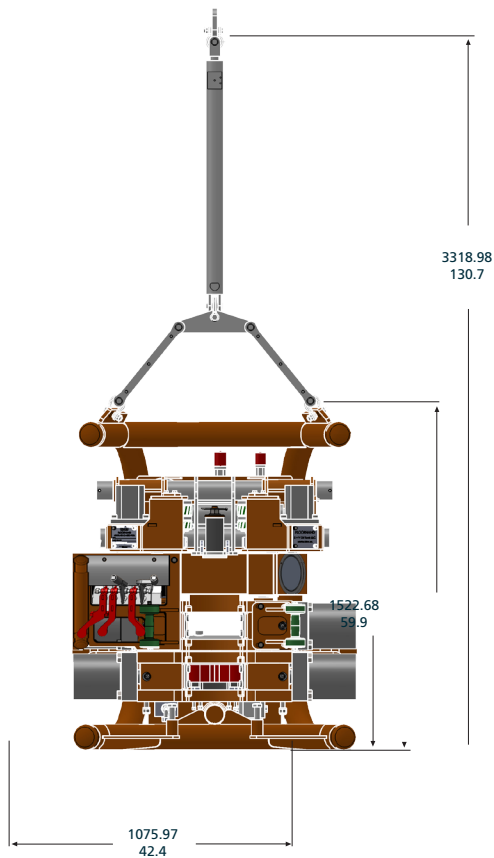
- FloorHand FH-70: 4,020 lbs. / 1,823 kg
- Power Unit: 2,200 lbs. / 998 kg.

#### Part Numbers (Standard Units):

- FloorHand FH-70: 9GF-8002
- Manipulators: 9FM-2000 Lift Cylinder Assembly
- Winch: 9FH-10701
- Power Unit: 9PU-7200\*\* (Equipped with Cooler) / 9PU-7300\*\* (Equipped with Heater)

\*3 1/8" OD (79.4 mm 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)



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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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