

# MH Back Up Stabber

## MH™ BUS 128

**MH™ BUS 128 is used for backing up torque applied by the top drive when making up a drilling connection to a high stick up. The MH™ BUS 128 does not require any operational setup and ensures low maintenance and long life.**

### Product description

The MH™ BUS 128 is used for guiding, stabbing and backing up tool joints at a level above drill floor in a safe and controlled manner. It is used for overhead drilling systems like floater rigs where the string has to be pulled off the bottom with sufficient distance to compensate for the heave motion during connection.

The machine has a compact modular design that allows for simple and accurate positioning of the back up clamp and guide head at a desired elevation above the well center.

The back up clamp uses a patented mechanically self-centering design that eliminates the need for different jaw sets for different tool joints and ensures a precise stabbing function at all times.

When not in use, the MH™ BUS 128 is retracted into a very compact envelope in the parked position and secured with a locking cylinder.

### Benefits

- Mechanically self-centering back up clamp and extendable guide head with low friction rollers ensures a solid and precise guiding/stabbing function regardless of pipe dimension
- Multi-jaw back up clamp eliminates the need of different jaw sets for different tool joints function regardless of pipe dimensions
- Low friction self-lubricating components eliminate the need for manual lubrication
- Fully retractable compact design avoids interference with other operations or machines
- Several HMI solutions for different needs
- Easy integration into any anti-collision system

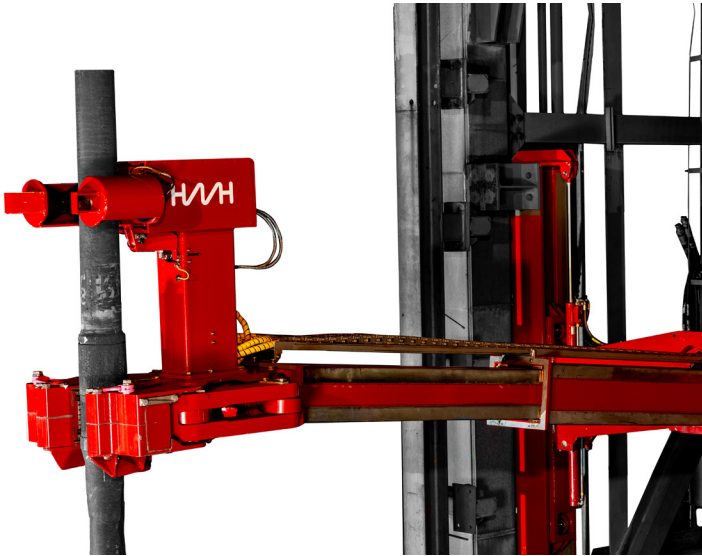
Our electrically controlled MH™ BUS 128 enables safe remote control from the operator chair protected by internal interlocks and can be fully integrated into any anti-collision system. Local control directly on the valves is available for maintenance purposes. Additionally, MHWirth offers a hydraulically controlled MH™ BUS 128, depending on your project requirements.

The MH™ BUS 128 has a simple bolted footprint which allows it to be easily installed in most derrick layouts.

### Available Options

- Left-hand side (LHS) interface manifold (RHS standard)
- Hydraulic local control panel
- Different extension reach (i.e. distance to well center) from -3.9 to +31.5 in (-100/+800 mm)
- Yellow color (RAL 1023)





### Technical specifications

	MH™ BUS 128 EL	MH™ BUS 128 HYD
Controls	Electrical remote	Hydraulic remote
Weight, BUS	8 818 lb (4 000 kg)	
Weight, remote control panel	NA	187 lb (85 kg)
Back-up torque, max	94 400 lbf·ft (128 000 Nm)	
Retraction distance	125.6 in (3 190 mm)	
Vertical travel distance	47.2 in (1 200 mm)	
Guide head extension	9.1 in (230 mm)	
Tool joint OD range, min/max	4 ¾ - 9 in (120 - 230 mm)	
Hazardous area classification (according to IEC 60079-10-1 and API rP 505)	Zone 1	
Hydraulic requirements	26.4 gpm(us) @ 2 900 psi (100 l/min @ 200 bar)	
Ambient temperature range	-4/+131°F (-20/+55°C)	

Data is subject to confirmation by the manufacturer.

