

Back Up Stabber



MH™ BUS 128

MHWirth's back up stabber (BUS) supports backup torque from the top drive during make up or break out of drilling pup joints.

The BUS is located at the upper drillfloor level between the top drive guide rails. When in use, the BUS is tilted from its vertical parking position into a horizontal working position.

The guide head aids in entering the pin end of pup joint into box of stand or single, while the back up clamp backs up the torque provided by the top drive main motors.

The elevation cylinder elevates the stabber arm and positions it from the working position into the park position and vice versa.

The BUS can be integrated into any anti-collision system and driller's cabins on a floating drilling installation.

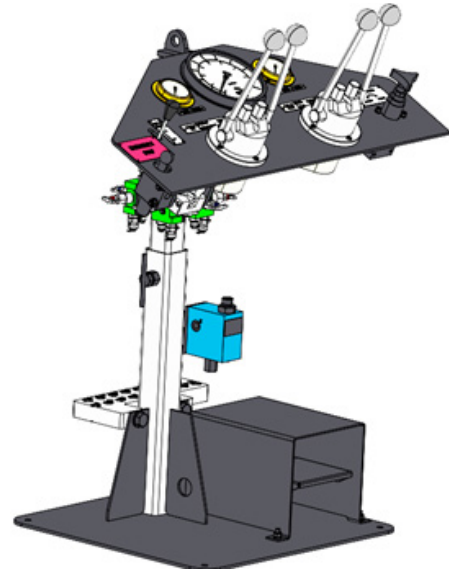
Available Options

- Left-hand side (LHS) manifold (right-hand side (RHS) is standard)
- Hydraulic operated (electrical is standard)
- Different extension range -3.9/+31.5 in (-100/+800 mm) (Standard extension supplied is 3.9 in (+100 mm))
- Yellow color (different from RAL 3002)
- Local manual operation: full operation

Benefits

- Fully retractable when not in use to avoid interference with other operations
- Self centering backup clamp for accuracy when stabbing (variation +/- 10 mm)
- Easy installation due to a simple 4 point footprint
- Self lubrication bearings for minimized maintenance
- Stabbing function for repeatable operations
- HSSE in focus, safety wiring of guide head
- Centralized hydraulic valves for single point of access





Technical Specifications

	BUS 128 EL	BUS 128 HYD
Controls	Electrical remote	Hydraulic remote
Weight	8 091 lb (3 670 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 range, min./max.	4 ¾ - 9 in (120 - 230 mm)	
Drill pipe, min./max.	3 ½ - 6 5/8 in (90 - 170 mm)	
Hazardous area classification. (According to IEC 60079-10-1 and API RP 505)	Zone 1	
Hydraulic requirements	26.4 gpm(us) @ 3 000 psi (100 l/min @ 210 bar)	
Ambient temperature range	-4-/+104°F (-20/+40°C)	

Data is subject to confirmation by the manufacturer.