



Cladding system

w/Rotating head:

- ✦ Automatic Torch Centering: Full automatically centering of the torch to the bore hole.
- ✦ Race-Track: Combination of longitudinal- and circumferential welding.
- ✦ Automatic External Torch-Centering/Ring-Groove Torch-Centering: Centering on cylindrical work pieces without bore.
- ✦ Bore-To-Bore: Automatic centering of the torch on weldments without bore holes.

System-Controller Wel2011(Combination industrial-PC and PLC/RPS controller).

Touchscreen-display with graphical operating interface. Remote control WEL RC1 with display and cable 10 m.

TIG power source ESAB Mechtig 4000i. 400 A with cooling unit and carriage.

TIG Hotwire power source WELHW 300. 300 A. Column and boom Cab460 7×4(max. load 1000 kg). Swivel-mounted cross slide system WEL 1500-1000(max. load 375 kg).

Endless torch rotation system WEL-S with integrated wire feeder and motorized slide with AVC-function.

Cladding-torch with integrated wire feed guide Length 1200mm. Welding-data documentation



WELMAX



Cladding system

w/Rotating head:

Options:

- ✦ Extension Tool for external welding on cylindrical weldments in combination with a Welmax external-cladding torch
- ✦ Software: Bore-to-Bore
- ✦ Software: Race-Track
- ✦ Software: Race-Track with Bore-to-Bore
- ✦ Software: Automatic ring groove centering
- ✦ Software for WIG cold-/ hotwire programming
- ✦ Software WEL 600 for Offline operation on PC
- ✦ Control of additional rotating axis
- ✦ Customized software



WELMAX



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For use with turntable/positioner:

