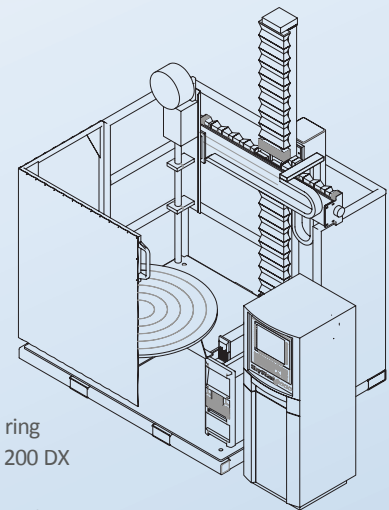


## Compact Cladding System (CCS) with HW-GTAW

Available for Rent,  
 Lease or Purchase

Red-D-Arc's Compact Cladding System (CCS) is designed to perform fully-automated GTAW build up of corrosion-resistant metal components such as subsea valve assemblies. The CCS cladding system is a complete, turnkey-package mounted on a portable skid-plate with a KEY 1250 PLC system controller with touch-screen control weld-data-documentation recording software, a remote control pendant, a 500 or 700 amp pulsed-TIG power source, a 150 amp Hotwire TIG power source, heavy-duty motorized vertical and horizontal cross slides mounted on a skid assembly, a 3-tonne capacity floor-mounted turntable with closed-loop drive and a secondary encoder for position feedback. The system also includes an integrated wire feeder and cladding torch with integrated wire-feed guide.



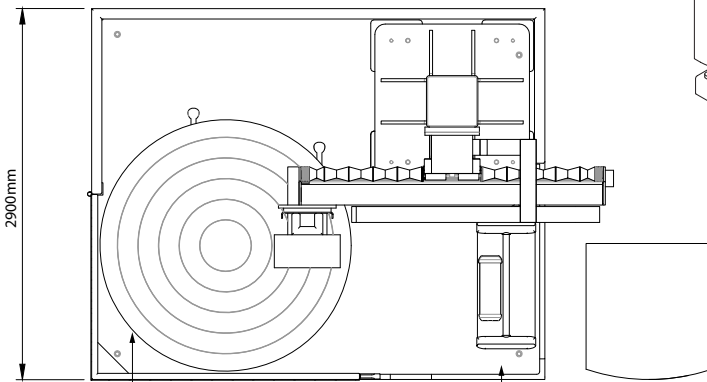
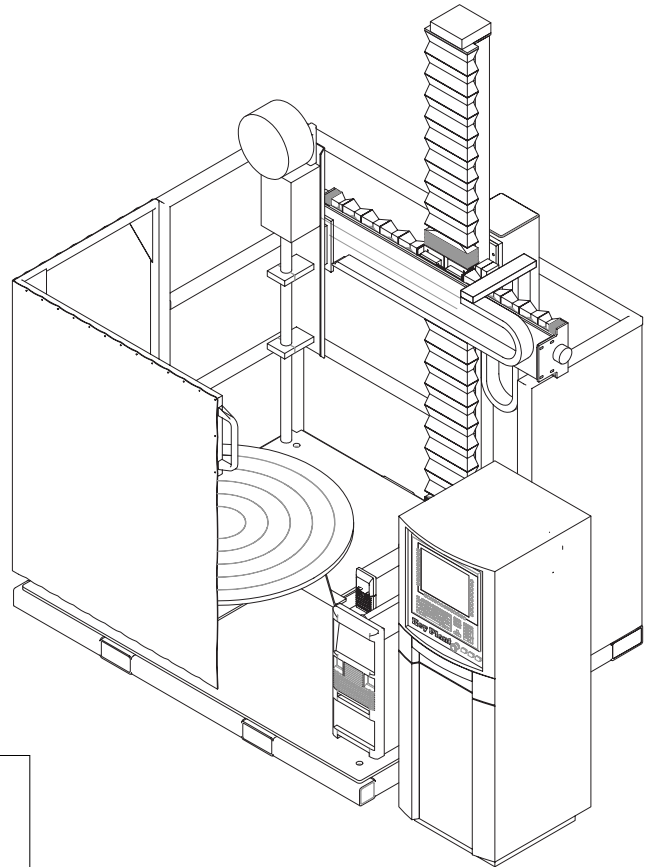
### Specifications

Model	RDA CCS 700
Weld Process	Hotwire TIG (HW-GTAW)
Motorized Cross Slides	2000mm x 1000mm
Turntable	4 foot diameter table, 3 ton capacity with optional slip ring
Standard Power Source	Miller Maxstar 700 with Coolmate 3.5 cooler, Maxstar 200 DX
Optional Power Source	Other power sources are available
Maximum Height Bore Depth	1000 mm depending on torch type and vertical slides used
Minimum Weldable Bore Diameter	45 mm
Water Cooled TIG Torch	Various fixed and adjustable-angle torch heads available
Welding Speed	20 to 45 cm/min
Control	KEY 1250 PLC Controller
Control Functions	Controlled by 15 in TFT HMI or remote pendant
Input Power RDA CCS 700	CCS (controller, manipulator, turntable) - 380 to 480 V, 3 phase, 50/60 Hz
Input Power Miller Power Sources	Maxstar 700 and Maxstar 200DX - 380 to 480 V, 3 phase, 50/60 Hz
Input Power Miller Cooler	Coolmate 3.5 - 115 VAC 50/60 Hz (from power source)
Overall Height	3500 mm
Shipping Weight	2,600 kg complete system including KEY 1250 PCL controller



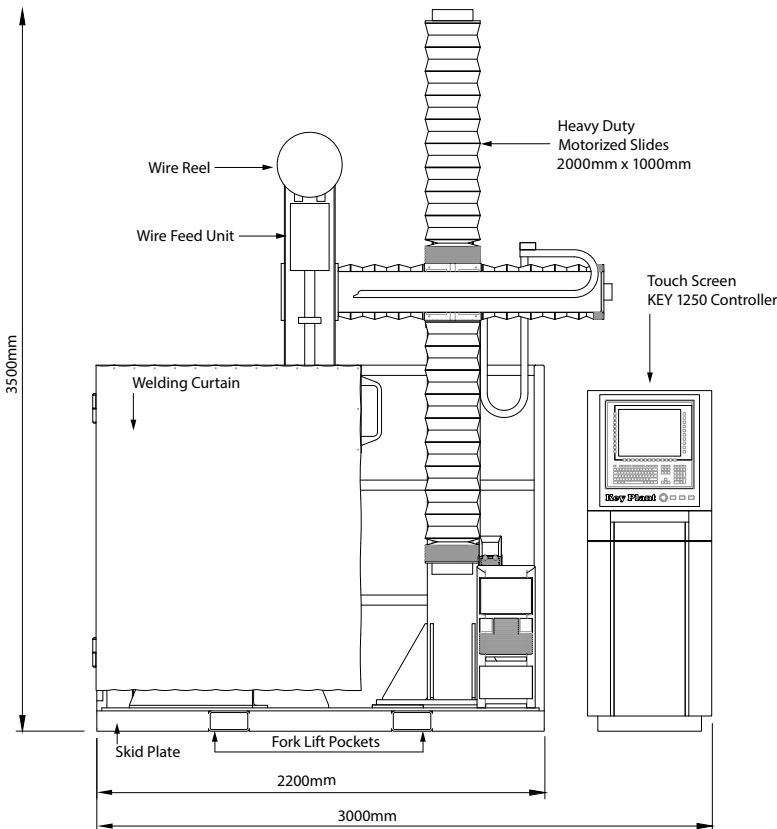
Red-D-Arc **Welderentals** rents and sells welding and weld-positioning equipment - around the world.

**Compact Cladding System (CCS)**  
 with HW-GTAW



1220mm diameter turntable  
 AC drive, anti-backlash  
 Optional slip-ring assembly for heating system  
 Integrated heat flip-top sockets in face plate

GTAW Power Source and  
 HW-GTAW Power Source



Welding Curtain

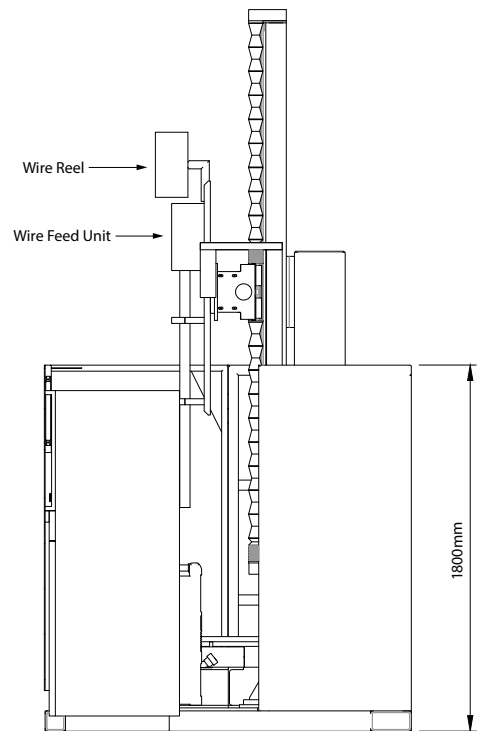
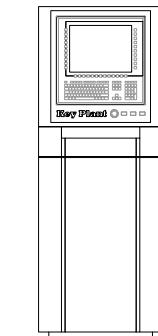
Skid Plate

Fork Lift Pockets

2200mm

3000mm

Touch Screen  
 KEY 1250 Controller



Wire Reel

Wire Feed Unit

Heavy Duty  
 Motorized Slides  
 2000mm x 1000mm

1800mm