

Rental, Lease, New and Used Sales

Welders Positioners Generators Speciality Equipment

Diesel Engine-Driven Welders
Stick Welders and Paks
Multiprocess Welders and Paks
MIG/MAG Packages
TIG Welders
Stud Welders
Semiautomatic Wirefeeders
Spoolguns
Wirefeeder/Welders
Automatic Wirefeeders
Automatic Sub-Arc Tractors
Automatic Girth (AGW) Welders
Welding Positioners
Column and Boom
Rotators
Diesel Generators
Power Distribution Panels
Induction Heating Equipment
Welding Fume Extractors
Plasma Cutters



Engine-Driven Welders

- DX300e** 250 amps/30 volts output @ 100% duty cycle DC CC CV Stick, TIG, MIG, Innershield, GMAW and arc gouging
18.8 HP Kubota D722 diesel engine
Low noise 98 dBLWA, 74 dBLWA @ 7m
8 kW 50 Hz auxiliary output; 110V, 220-240V 1-phase/400V 3-phase
- D402K 4+12** 400 amps/23 volts output @ 30% duty cycle DC CC CV Stick, MIG, DC TIG, flux-cored and arc gouging
20.2 HP Kubota V1505 diesel engine
Single-Phase Auxiliary Power: 12 kW peak,
10 kW continuous 84/42 A, 120 GFCI/240 VAC, 60 Hz
- DX500e** 400 amps/36 volts output @ 100% duty cycle DC CC CV Stick, DC TIG, MIG, Innershield, GMAW and arc gouging
38 HP Perkins 404D-22 turbo diesel engine
Low noise 96 Lwa, 71 dBA @ 7m
14.5 kW 50 Hz auxiliary output; 110V, 220-240V 1-phase/400V 3-phase



All our welders are built to Extreme-Duty specs to provide outstanding performance and reliability in construction environments

Stick and Multiprocess Welders

- ES270ie** 270 amp DC CC inverter welder
Stick welding process
- EX350ie** 425 amp DC CC CV inverter welder
MIG, Stick, flux-cored welding processes
- EX350ie 6 Pak** Multioperator 425 amp DC CC CV inverter welders includes electric power distribution panel
- EX425** 425 amp DC CC CV inverter welder
MIG, Stick, flux-cored welding processes
- Speedtec 500S** 500 amp DC CC CV inverter welder
MIG and Stick welding processes
- DC655e** 650 amp DC CC CV multiprocess welder/power source
Stick, MIG, flux-cored, sub-arc welding and gouging



TIG Welders

- MasterTig MLS 3000** 300 amp DC CC TIG welder
Integral MasterCool 10 cooling unit
- Invertec V320-T AC/DC** 320 amp AC DC CC TIG, Stick inverter welder
Adjustable AC frequency and selectable waveshape
- Invertec V270-T** 270 amp DC CC HF TIG, Stick inverter
Hi frequency, lift TIG, variable down slope
- MagicWave 3000** 300 amp AC DC CC TIG welder
Full digital control
- Viper 2500S** 250 amp DC CC TIG welder
Operates on 40-100 volt DC power
- Dynasty 200 DX** 200 amp AC DC CC TIG, pulse-TIG, Stick inverter
High-Speed DC TIG pulse controls
- Invertec V205-T AC/DC** 200 amp AC DC CC TIG, Stick inverter
Adjustable AC frequency



MIG/MAG Welding Packages

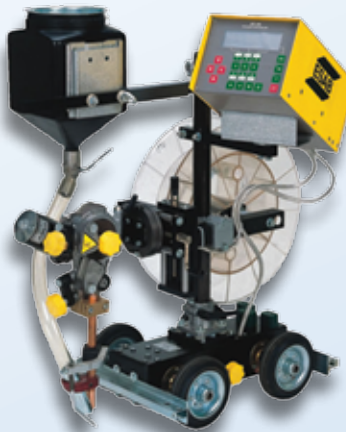
- TransPuls Synergic 4000/5000** 400 or 500 amp DC CV synergic wirefeeder/welder MIG/MAG welding processes
- FastMig KM 400/MSF 55** 400 amp DC CV semi-automatic wirefeeder/welder MIG/MAG welding processes
- Invertec STT II** 225 amp DC STT advanced-process wirefeeder/welder STT controlled GMAW welding with STT-10 wirefeeder
- EX350ie with LN25 PRO-Extreme CE** 425 amp DC CC inverter welder MIG, Stick, flux-cored welding processes with LN25 PRO-Extreme CE wirefeeder



Semiautomatic/Automatic Wirefeeders and Tractors

A2 Weldtrac
Automatic submerged arc welding wirefeeder tractor with single and twin arc welding capability

LN25 PRO-Extreme CE Dual Power
325 amp voltage-sensing wirefeeder for semi-automatic MIG, pulsed, and cored-wire welding processes - includes gas solenoid and flow meter



Automatic Girth (AGW) Welders

Ransome AGW-I (single-sided) and AGW-II (double-sided)
Automatic girth welder for in-field automatic horizontal welding of storage tanks. Adjustable tubular frame handles steel plates from 6' to 10' high (1.8m - 3.05m), as thick as 2" (50 mm). Can weld storage tanks as small as 30' in diameter. Includes Lincoln NA3 automatic wirefeeder and DC600 or DC1000 power source. Average welding speed is approximately 30 ipm (.762 m/min) with deposition rate of 11 pounds (5 kg) per hour.

Submerged Arc Automation Package

Power Wave AC/DC 1000 SD
DC+/DC- software driven power source for balanced/variable AC submerged arc welding. Provides power for an integrated wirefeeding equipment package for hard automation welding solutions using PLC-based fixture motion control parameters from a single mountable or hand-held pendant.

MAXsa 10 Controller
ArcLink-enabled controller for Power Wave AC/DC 1000 SD systems

MAXsa 22 Feed Head
Submerged arc hard automation wire drive



Red-D-Arc Weld Automation™

reddarc.com

Positioners

Fixed Height Positioners
Adjustable Height Positioners
Rotilt Type Positioners
Cradle Type Positioners
Handling and Gripper Chucks



Rotators

Conventional Rotators
Self-Aligning (SAR) Rotators
Pipe Shop Rotators
Automatic Anti Drift Systems
Elevating Rotators
Fit Up Rotators, Traversing Rotators



Floor Turntables

Hollow Bore Headstocks
Elevating Headstocks
Floor Turntables
HSC Series with Machine Chucks



Head and Tailstocks



Columns and Booms

Standard, Mid Duty and Extra Heavy Duty Column and Booms
Elliptical Column and Boom Welding Systems
Telescopic Column and Booms
Traversing Column and Booms
Platform Twin Head Welders



Seam Welders

For Plasma, TIG, or
Submerged Arc Welding



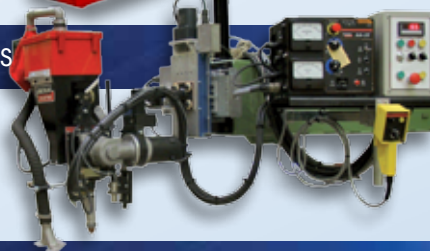
Box Beam Gantrys

Box Beam Gantry
Turnkey Welding
Production Lines



Sub-Arc Welding Heads

Single Arc and Tandem Arc
Narrow Gap and Deep Groove
External and Internal Systems



AGW Girth Welders



Oscillators, Weavers, AVC Systems, Welding Guidance Systems

Welding Head Oscillators
Camera Monitor Systems
Tactile Tracking Systems
Laser Tracking Systems
Flux Recovery / Feed Systems
Height Sensing / AVC Systems



(ACS) Cladding Welders

Automated TIG Welding Systems for
Horizontal Pipe and Vertical Valve Cladding



0800 917 1149

Portable Electric Power Generators



R66C2C (CE)

60 kVA prime power, 230/400 volts, 3 phase
390 L high autonomy fuel tank, runs for 34.6 hours at 75% load
Sound level of 61 dB(A) at 7 metres

R110C3 (CE)

100 kVA prime power, 230/400 volts, 3 phase
Stage 3A-Compliant
475 L high autonomy fuel tank, runs for 22.9 hours at 75% load
Sound level of 64 dB(A) at 7 metres



Optional Road Trailers

Optional External Fuel Tanks

Electric Power Accessories

400 Volt Distribution Panel/Transformer Unit

Stainless steel enclosure, IP65 rated

Input - 400 volt 125 amp 3 phase 3P+N+E IP67

Output - 4-400 volt 32 amp 3 phase 3P+N+E IP67 sockets

2-400 volt 63 amp 3 phase 3P+N+E IP67 sockets

Transforms power to 110 volt 10 kVA continuous output

4-110 volt 16 amp 2P+E IP67 sockets

2-110 volt 32 amp 2P+E IP67 sockets



Front Elevation



Rear Elevation

Smoke Extractors



Mobiflex 200
smoke extractor

VAF3000
industrial ventilator

Plasma Cutting Equipment



Powermax65

Handheld or mechanized plasma cutter
19 mm (3/4") at 500 mm/min (20 ipm)
CE 400 V, 3PH, 50/60 Hz

Powermax105

Handheld or mechanized plasma cutter
32 mm (1-1/4") at 500 mm/min (20 ipm)
CE 230-400 V, 3PH, 50/60 Hz

With the new ProHeat™ 35 induction heating system, joints can be rapidly and uniformly heated for preheat or stress relief with minimal setup and instruction time. This system induces heat electromagnetically rather than by using a heating element.



ProHeat 35 Air-Cooled System

Designed for Preheating Applications up to 400° F (204° C), Optional Digital Recorder

The system can be operated in Manual Programming mode where a power output is applied to a part for a specified time or in the Temperature Based Programming mode where the part temperature is used to control power output. Air-cooled blankets are available for pipe diameters from 8 to 60 inches or, in the case of plate, the lengths are from 40 to 197 inches.

Typical Applications for Air-Cooled Induction Heating Systems

- On-Shore Transmission Pipelines
- Off-Shore Transmission Pipelines (Barge)
- Shipbuilding • Mining



ProHeat 35 Liquid-Cooled System

Designed for High Temperature Preheating, Stress Relieving, and Hydrogen Bake-Out up to 1450° F (788° C), Optional Digital Recorder

The system can be operated in Manual Programming mode where a power output is applied to a part for a specified time or in the Temperature Based Programming mode where the part temperature is used to control power output. Liquid-cooled heating cables provide a highly versatile tool for preheating a variety of pipe diameters and even flat plate. In general, shorter cables are used for a smaller diameter pipe and are easier to handle and set-up. Longer cables are used for larger diameter pipe or small pressure vessels and tanks. Great for preheat applications on geometrics that prevent the use of air-cooled blankets.

Typical Applications for Liquid-Cooled Induction Heating Systems

- Field Construction of Power and Process Piping
- Pipe Fabrication Shops • Shrink Fit • Shipbuilding • Mining



More information is available at www.reddarc.com/IHS

