Red-D-Arc Welderentals is the world’s leading provider of rental welding products and services, with over 50,000 units in a fleet that includes welders, welding positioners and other welding-related equipment, for almost any type of welding process and application.

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

+44 (0) 1744 850085
0800 917 1149
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 DT722 diesel engine
- Low noise 98 dB-LWA, 74 dB-LWA @ 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

EX42S
- 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
**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

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

**MAXsa 22 Feed Head**
Submerged arc hard automation wire drive

**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 semiautomatic 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.

**MIG/MAG Welding Packages**

<table>
<thead>
<tr>
<th>Model</th>
<th>DC or AC Welding Processes</th>
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</thead>
<tbody>
<tr>
<td>TransPuls Synergic</td>
<td>400 or 500 amp DC CV synergic wirefeeder/welder</td>
</tr>
<tr>
<td>4000/5000</td>
<td>MIG/MAG welding processes</td>
</tr>
<tr>
<td>FastMig KM 400/MSF 55</td>
<td>400 amp DC CV semi-automatic wirefeeder/welder</td>
</tr>
<tr>
<td>Invertec STT II</td>
<td>MIG/MAG welding processes</td>
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<tr>
<td>EX350ie with LN25 PRO-Extreme CE</td>
<td>225 amp DC STT advanced-process wirefeeder/welder</td>
</tr>
<tr>
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<td>STT controlled GMAW welding with STT-10 wirefeeder</td>
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<tr>
<td></td>
<td>425 amp DC CC inverter welder</td>
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<tr>
<td></td>
<td>MIG, Stick, flux-cored welding processes with LN25 PRO-Extreme CE wirefeeder</td>
</tr>
</tbody>
</table>
Positioners
- Fixed Height Positioners
- Adjustable Height Positioners
- Rotilt Type Positioners
- Cradle Type Positioners
- Handling and Gripper Chucks

Rotors
- 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

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 Gantry Systems
- 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
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 External Fuel Tanks

Optional Road Trailers

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

Smoke Extractors

Plasma Cutting Equipment

Mobiflex 200 smoke extractor
- VAF3000 industrial ventilator

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
Induction Heating Systems

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 geometries 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