
WIND TURBINE TOWERS

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ITW WELDING PRODUCTS

ITW Welding



ITW WELDING PRODUCTS

offers a unique and complete product range from a number of market leading brands. The product portfolio includes consumables, welding machines, accessories and heating solutions equipment.

MILLER WELDING EQUIPMENT

Miller is the world leader in welding equipment with over 80 years of experience. The Miller brand stands for excellent welding properties, advanced innovative arc welding processes, and above all, ultimate reliability!

AUTOMATION AND HEATING SOLUTIONS

Welding automation gives distinctive advantages, such as high quality, higher capacity and of course much higher productivity. ITW Welding Products offers solutions for preheating and postheating, with excellent control to help you to increase your welding efficiency and productivity.

EXTENSIVE LINE OF WELDING FILLER METALS

The choice of leading brands such as Elga, Hobart, McKay and Trimark allows you to select the correct consumable for each welding process and specific application.



PROFESSIONAL TECHNICAL SUPPORT READY TO HELP YOU!

Our services and products are based on Quality and Know-How in Welding. ITW Welding Products provides a team of skilled technical consultants. They can advise and support you on your choice of the most efficient process, product selection, the development of welding procedures, training and qualification of welders.

Call +31 (0)186 641 444

**Creating customer success
in metal fabrication!**

WELDING CONSUMABLES

ITW Welding Products' extensive line of filler metals includes Elga, Hobart, Trimark and McKay brands. With the highest quality products and development of our technical know-how, and continuous development, we have established a reputation as a reliable partner at the forefront of technology.

From our wide product selection you will be able to find the kind of consumable you need to meet your demands and to improve the quality of your welding. All our consumables are widely recognized for their outstanding quality capabilities and properties.

You can choose from manual electrodes, tubular metal cored and flux cored wires, solid wires and submerged arc wires and fluxes - all available for unalloyed, low alloyed and stainless steels.

- SMAW Electrodes
- GMAW Wires
- GTAW Wires
- SAW Wires
- SAW Flux
- ESW Strip
- ESW Flux
- Metal Cored Wire
- Flux Cored Wire

THERMAL ENGINEERING & HEAT TREATMENT



PRODUCT PORTFOLIO:

- Network Tension Machines
- Low Tension Machines
- Induction Machines
- Medium Frequency Machines
- Accessories
- Resistance panels
- Infrared Radiant Panels
- Inductor Technology
- Preheating & Postheating Technology
- Stress Relieve Technology

ITW Welding



POWER SOURCES FOR SUB ARC WELDING



Summit Arc 1250 AC/DC

Processes:

Submerged Arc Welding SAW / ESW
MIG (GMAW)
Air Carbon (CAC-A)
Cutting & Gouging

Characteristics

CC/CV
DC/AC Variable Squarewave
Three-Phase
81 Balance Ratios
Frequencies 10 to 90 Hz
Amperage 250—1250 A
Voltage 25 –44 (71 OCV)
Rated Output 1000 A at 44 VDC
(100% D. Cycle)
Voltage Supply 380-415 VAC
Power Input at Rated Output:
98 KVA-53 KW



Sub Arc DC 800 & DC 1250

Processes:

Submerged Arc Welding SAW / ESW
Flux Cored (FCAW)
Stick (SMAW)
MIG (GMAW)
Air Carbon (CAC-A) Cutting & Gouging

Characteristics

CC/CV
DC
Three-Phase
Amperage 100—800 / 1250 A
Voltage 10 –60 V
Rated Output 1000 A at 44 VDC (100% D Cycle)
Voltage Supply 380-400-440 VAC
Power Input at Rated Output:
73 KVA –53 KW



SUB ARC WELDING CONTROLLERS

Welding Control HDC 1500 A & HDC 1500 DX

Automatic digital welding controllers offer reliability, flexibility and performance with their ability to interface with AC or DC, CC/CV power sources having remote contactor and output control capabilities.

HDC 1500 DX offers possibilities for 12 pre-settable and lockable workpoints/programms. Start and Crater parameters are individually adjustable.

Processes

Submerged Arc Welding (SAW)
Electroslag (ESW)
GMAW Spray

Characteristics

Supply Single Phase 115 VAC—10A

Welding Power Source CV/CC, AC or DC

The controller is suitable for CV+C process mode. This new mode allows the operator to preset & monitor voltage as well as amperage rather than wire feed speed.

NEW!

Set up / Menue

Flux Valve Control
Burn-back / Crater Time
Wire Feed Speed Control
Amperage / Voltage WFS Range look
Arc Time & Arc Cycles
Prewflow / Postflow
Start time / Run-in

Internal terminal strip able to integrate with positioners, sidebeams, turning rolls and other peripheral equipment .



ITW Welding



POWER SOURCES FOR SUB ARC WELDING

- Wire Drive Assemblies
- Submerged Arc Torches
- Torchbody Extensions
- Narrow gap torches
- Wire Straighteners
- Light & Heavy Duty Cross Slides
- Spool Support Assembly
- Flux Handling Equipment
- Flux Recovery Systems
- Torch Contact Tips

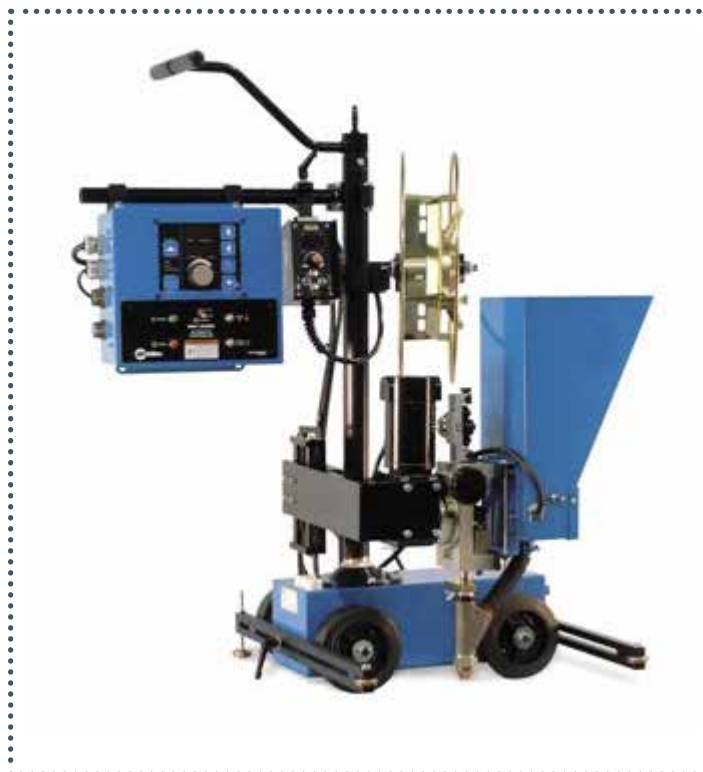


Miller SAW Tractor MT 1500

Weld Controller HDC 1500 DX

Recommended Miller Power Source:

- Sub Arc 800
- Sub Arc DC 1250
- Sub Arc AC/DC 1250



ITW Welding



COLUMN & BOOM SYSTEMS



Available from 4 x 4 m up to 8 x 8 m effective stroke and outreach.

Manual or motorized rotation of the Column.
Stationary or motorized column & Boom platform.

Fully equipped with:

- Power source
- Control Cabinet
- Flux recovery system
- Welding equipment
- Welding process controller

WELDING POSITIONERS

Roller positioner for each application with a range from 20T up to 200T.

Horizontal rotary table for positioning & bevel cutting.

Alignment system for circumferential welding up to a weight of 300T





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**For more information
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