

Miller Tractor

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**Submerged Arc Welding
Power Source**



Quick Specs



Applications

Storage Tank Construction
Shipbuilding
Bridge Decks
Beam Construction
Plate Seams

Process

Submerged Arc

Recommended Miller Power Supplies

Sub Arc DC 800
Sub Arc DC 1250
Summit Arc 1250

Travel Speed:

10-168 cm/min

Weight:

73 kg (without flux or wire)

The Power of Blue.®

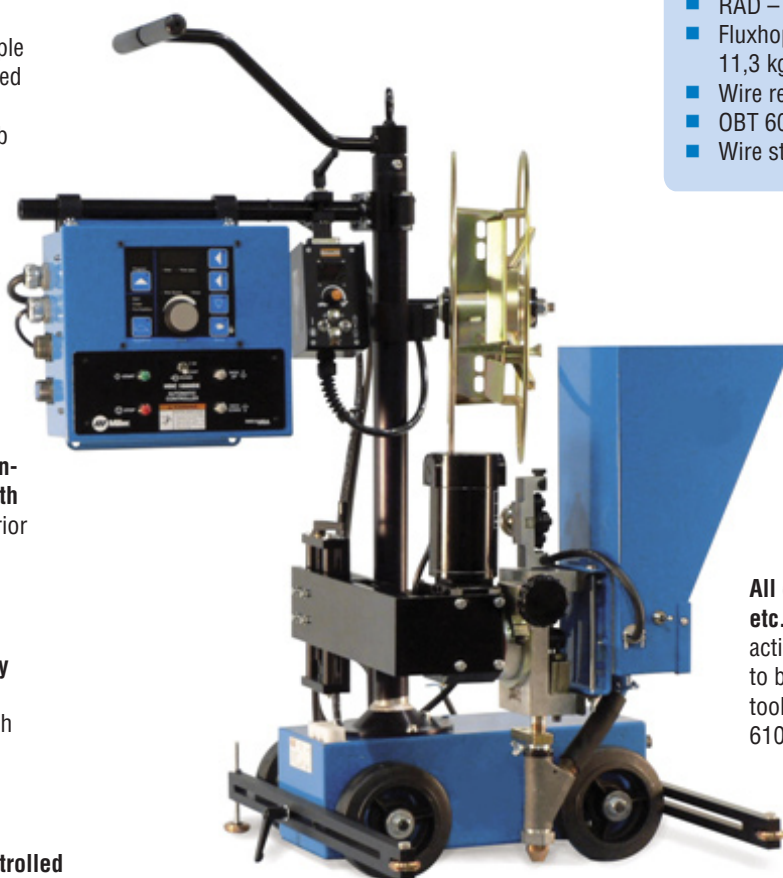
Designed and built to provide **maximum reliability** in the toughest conditions. This simple to use self-propelled submerged arc welding tractor can easily connect to Miller AC or DC sub arc power supplies.

Available with either **HDC 1500 DX (digital) or HDC 1500 A (analog) controller**. DX model shown.

Heavy-duty, four-wheel, chain-driven trackless operation with rubber wheels provides superior and reliable mobility.

Vertical, horizontal and rotary torch adjustment allows for greater access to hard-to-reach spots.

Travel speed is precisely controlled by a closed loop microprocessor control with tach feedback.



Tractor on picture consisting of:

- HDC 1500 DX weld controller
- RAD – 400 drive motor
- Fluxhopper with valve, capacity 11,3 kg
- Wire reel (27 kg spool)
- OBT 600 Torch
- Wire straightener

All of the arms, support posts, etc. can be removed with quick acting clamps enabling the carriage to be totally dismantled without tools and easily passed through an 610 mm manhole.



Power source is warranted for 3 years, parts and labour.
Original main power rectified parts are warranted for 5 years.

MADE IN USA
APPLETON, WI



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Specifications

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Phase

Max. Incline	Gun Positioning Slides	Supply Voltage (HDC 1500)	Drive Motor	Max. Spool Capacity	Travel Speed	Dimensions	Weight
30° depending on mounting configuration	101,6 mm vertical and horizontal stroke	115 VAC, 1-Phase, 50/60 Hz, 200 W	24 VDC permanent magnet gear motor	27 kg	10-168 cm/min	H: 1102 mm D: 903 mm	73 kg without flux/wire

Ordering Information

	Stock No.	Description
Tractor	195 262	
Accessories		
HDC 1500 A	300 439	Analog control unit
HDC 1500 DX	300 438	Digital control unit
RAD - 400	195 265	Standard-speed right-angle drive motor, 0 - 10 m/min.
RAD - 780	195 266	High-speed right-angle drive motor, 0 - 19,8 m/min.
OBT 600	043 923	600 A at 100% Duty Cycle
OBT 1200	043 900	1200 A at 100% Duty Cycle
Wire Straightener	199 733	1,6 - 5,6 mm
Fluxhopper	194 775	With electric valve
Wire Reel	108 008	27 kg spool
Drive rolls (RAD)		See Pricelist
Contact Tips OBT		See Pricelist
Extension Cables		See Pricelist
Welding-Work Cables		See Pricelist
Flux Recovery Systems		On Request
Laser pointer		On Request
OBT Torch Body Extensions		See Pricelist
Power Source		
Sub Arc DC 800	907 344	See Quickspec Nr. DC/19.8
Sub Arc DC 1250	907 343	See Quickspec Nr. DC/19.8
Summit Arc 1250	903 570 011	See Quickspec Nr. AY/12.0