

# 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.®

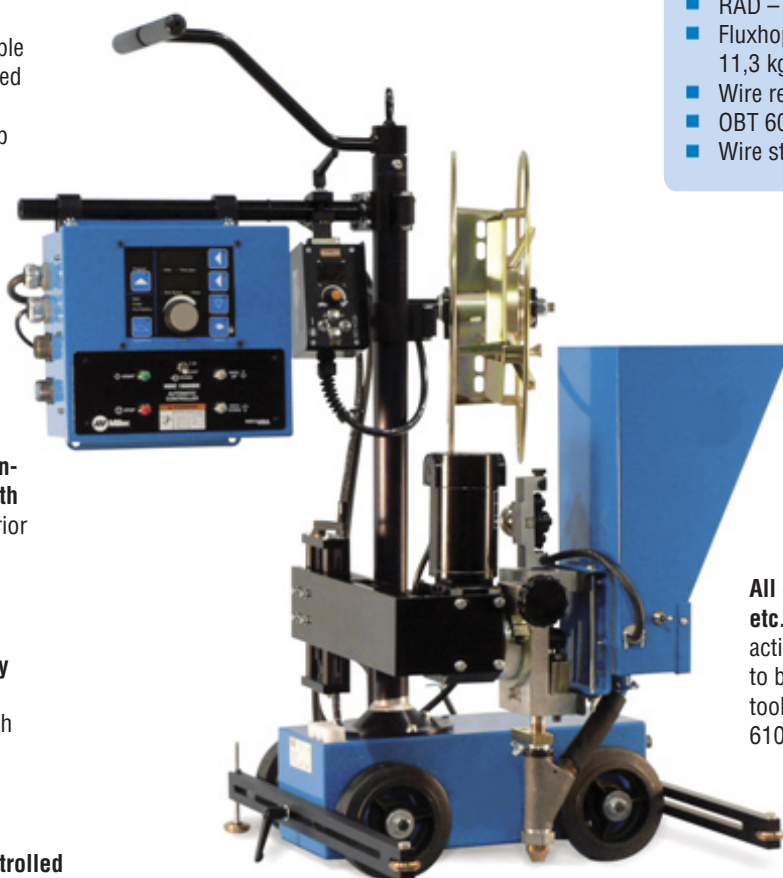
Designed and built to provide **maximum reliability** in the toughest conditions. This simple to use self-propelled submerged arc welding tractor can easily connect to Miller AC or DC sub arc power supplies.

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 a 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



Distribuito da:

**TECNOVELD**  
di ROBERTO GAMBERINI  
MATERIALI E MACCHINE PER SALDATURA

Via dell'Artigianato, 4 - 60019 SENIGALLIA (AN)  
Tel. 071.7923031 (r.a.) - Fax 071.7927097  
<http://www.tecnoweld.it> E-mail: [info@tecnoweld.it](mailto:info@tecnoweld.it)

## Specifications

1  
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
<b>Tractor</b>	<b>195 262</b>	
<b>Accessories</b>		
HDC 1500 A	<b>300 439</b>	Analog control unit
HDC 1500 DX	<b>300 438</b>	Digital control unit
RAD - 400	<b>195 265</b>	Standard-speed right-angle drive motor, 0 - 10 m/min.
RAD - 780	<b>195 266</b>	High-speed right-angle drive motor, 0 - 19,8 m/min.
OBT 600	<b>043 923</b>	600 A at 100% Duty Cycle
OBT 1200	<b>043 900</b>	1200 A at 100% Duty Cycle
Wire Straightener	<b>199 733</b>	1,6 - 5,6 mm
Fluxhopper	<b>194 775</b>	With electric valve
Wire Reel	<b>108 008</b>	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
<b>Power Source</b>		
Sub Arc DC 800	<b>907 344</b>	See Quickspec Nr. DC/19.8
Sub Arc DC 1250	<b>907 343</b>	See Quickspec Nr. DC/19.8
Summit Arc 1250	<b>903 570 011</b>	See Quickspec Nr. AY/12.0



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