



		<b>Ref</b>	07025
		<b>Machine</b>	SUBMERGED ARC WELDING
		<b>Brand</b>	STARMATIC
		<b>Model</b>	1003 DC
			<b>With MEGATRAC WELDING CARRIAGE</b>

### Main Technical Data

#### Starmatic 1003 DC power sources

- Power supply 400 V – 50 Hz
- Absorbed power to 100%: 65,8 KVA
- Absorbed current to 100%: 100 A
- Open circuit voltage  $U_0$ : 76 V
- Welding current 200 A – 1.000 A
- Ambient temperature 0 – 40° C
- Protection class IP 23 S
- Insulation H
- Dimensions (L x W x H) 950 x 650 X 900 MM
- Approximate weight 540 kg

#### Self-propelled carriage Megatrac MT-5 With submerged arc welding Subarc

- Carriage motor 36 VDC permanent magnet motor
- Motor speed 0,2 – 2,2 m/min
- Wire feed motor 36 VDC permanent magnet motor
- Feed speed 0,3 – 3 m/min
- Wire feed  $\varnothing$  3,2 – 6 mm
- Maximum intensity 1.300 A
- Torch tilt  $\pm 45^\circ$
- Head rotation  $\pm 90^\circ$
- Slide travel 100 mm
- Slide rotation  $\pm 90^\circ$
- Container volumen 6 l
- Dimensions (L x W x H) 1.050 x 480 x 865 mm
- Weight without welding wire reel 73 kg

#### Other specifications:

- The carriage permits to displace the welding for to perform flat down and butt welding, fillet welding and circular welding in large storage tanks (inside o outside welding).
- The length of the harness between the power unit and the carriage is 17 meters.
- Several elements are mounted on tubes and collars, wich makes it possible to position the wire feed according to different positions( welding along the axis of the carriage or off-centre).

(Characteristics based according to technical data)