

WELDCRAWLER

ALL IN ONE COMPACT PIPELINE WELDER

- Multi process welder: Stick, MIG, Flux cored, TIG, Pulsed MIG option
- Cellulose position and polarity change (remote controlled)
- Hydraulic boom 6m/700kg, 340 degree rotation
- Steel tracks (steel/vulcanised rubber tracks optional)
- Hydraulic gasbottle holder, easily movable to the ground
- Wireless remote control for driving and moving the boom
- Low fuel consumption (unique one-engine design)
- Auxiliary power 40 kVA max. (400V-230V-110V, 50 or 60Hz)
- Large fuel tank 250l for up to 26h operation
- Flexible design, custom built for full automatic welding process



Standard equipment

Diezel engine	Water cooling	Electric starter	Battery 12V	Hour counter	Engine protection	Overspeed	Fuel level gauge/low fuel	High temperature	Low oil pressure	Battery charger indicator
Welding current electr. regulation	Polarity inverter	Base current diode bridge	Welding ammeter d.c.	Voltmeter	Circuit breaker	3~ EEC Socket 400V EEC	1~ EEC Socket 230V EEC	Socket 230V Schuko	Isolation monitoring	

Options on request

- Hydraulic winch
- Hydraulic driven compressor to feed pipeclamp
- Generator 65 kVA (automatic welding process)
- TCPL4 Remote control with cable 20m
- Pipe induction heating unit
- Automatic welding unit
- Cold start aid
- Aluminium welding tent
- Other RAL colour

Technical data

WELDCRAWLER

D.C. WELDING

Current range, continuous	20 - 2x400 A
Open circuit voltage	68 V
Duty cycle (intermittent)	2x400 A - 35%, 2x360 A - 60%, 2x330 A - 100%
Electrode diameter	1.6 - 6 mm

A.C. GENERATION

50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless

Three-phase generation	40 kVA / 400 V / 58 A
Single-phase generation	20 kVA / 230 V / 87 A
Single-phase generation (option)	10 kVA / 110 V / 90.9 A
	5 kVA / 48 V / 104 A
Duty cycle	100%
Insulating class	H

On request other voltages and frequencies (60 Hz)

ENGINE

Diesel, 4-stroke, water cooled

Type	JCB 444 G - Tc1
Output *	58 kW (78 HP)
Speed	1500 rpm
Displacement	4400 cm ³
Cylinders	4
Fuel consumption	230 g/kWh

* Maximum output (not overloadable) according to ISO 3046/1

GENERAL SPECIFICATIONS

Tank capacity	250 l
Running time (at duty cycle 60%)	26 h
Protection	IP 23
Dimensions * Lxwxh (mm)	5390x2300x2350
Weight *	6100 kg
Noise level**	94 LWA (69 dB(A))

* Dimensions and weight are inclusive of all parts without welding tent ** LWA conforms to EEC directives 535/536, dB(A) at 7 m.

WELDCRAWLER is manufactured by MOSA Aggregaten B.V. - The Netherlands www.weldcrawler.com info@weldcrawler.com