



ZD5-1000/630

DC Welding Power Source

Unique control circuit design is adopted, with various output features, suitable for SAW, MIG/MAG, Flux-cored wire, Carbon arc air gouging and ESW.

Compensating circuit for voltage pulsation is employed, which can efficiently compensate the voltage pulsation of electric network and is well adapted to power supply network.

Features

Standard Welding Tractor A2

Special designed for thick wire SAW, adopting $\varnothing 3-5$ wire and matching with power source ZD5-1000/1250, ZD5(D)-1000/1250.

Modular construction enables all parts to be dismantled easily, meeting the actual requirements of various customers.



- With four-wheel driving, the tractor moves stably. Six degrees of freedom adjustment realizes any position welding. Combined wire feeding wheel improves using life and production efficiency.
- Apply for welding of carbon steel, stainless steel, copper and copper alloy.
- Wire feeding assembly adopts planetary gear reducer system, with large moment and high stability of wire feeding.
- Contact tip adopts eccentric design, which realizes a strong conductivity.

DC Welding Power Source



ZD5(D)-1000



ZD5-1600



A2

Model	ZD5-630	ZD5-1000	ZD5(D)-1000	ZD5-1600
Input		3 phase 220/380/415/440V	50-60Hz	
Rated duty cycle	100%	100%	100%	100%
Open circuit voltage (V)	72	72	58	58
Rated welding current/voltage	630A/44V	1000A/44V	1000A/44V	1600A/44V
Current range (A)	125 - 630	200 - 1000	200 - 1000	300 - 1600
Voltage CC	26.5 - 44	24 - 44	24 - 44	20.25 - 44
Range (V) CV	30 - 44	28 - 44	28 - 44	25 - 44
Rated input current (A)	68	112	102	124
Rated input capacity	45	74	72	90
Air switch capacity	100/380	160/380	160/380	160/380
Dimension (mm)	1000*580*917	1150*610*935	780*660*1400	780*660*1400
Weight (kg)	304	435	410	410

Wire dia.	Arc strike model	Welding speed	Wire feeding speed	Head moving range	Head rotating angle	Head weaving angle	Head tilting angle	Flux hopper capacity	Wire coil capacity	Dimension (mm)	Weight (kg)
ø3.0-5.0	Scraping / fixed	25-170 (cm/min)	20-200 (cm/min)	100mm* 100mm	360°	45°	90°	10L	25kg	950*500* 870	48