

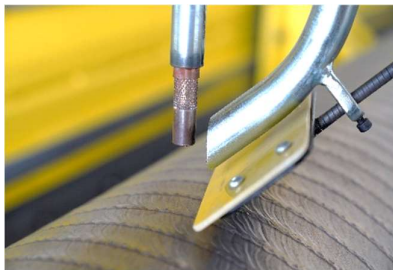
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CATALOGUE

KARA Roll Cladder Welding Machine



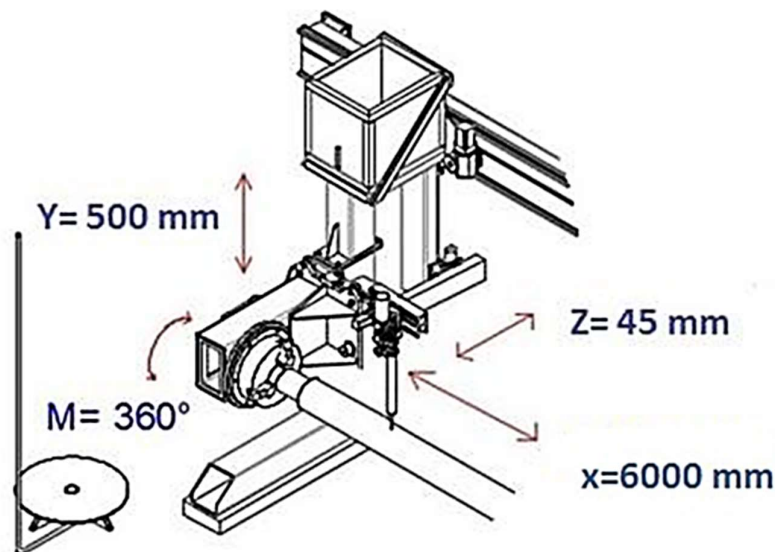


KRCWM



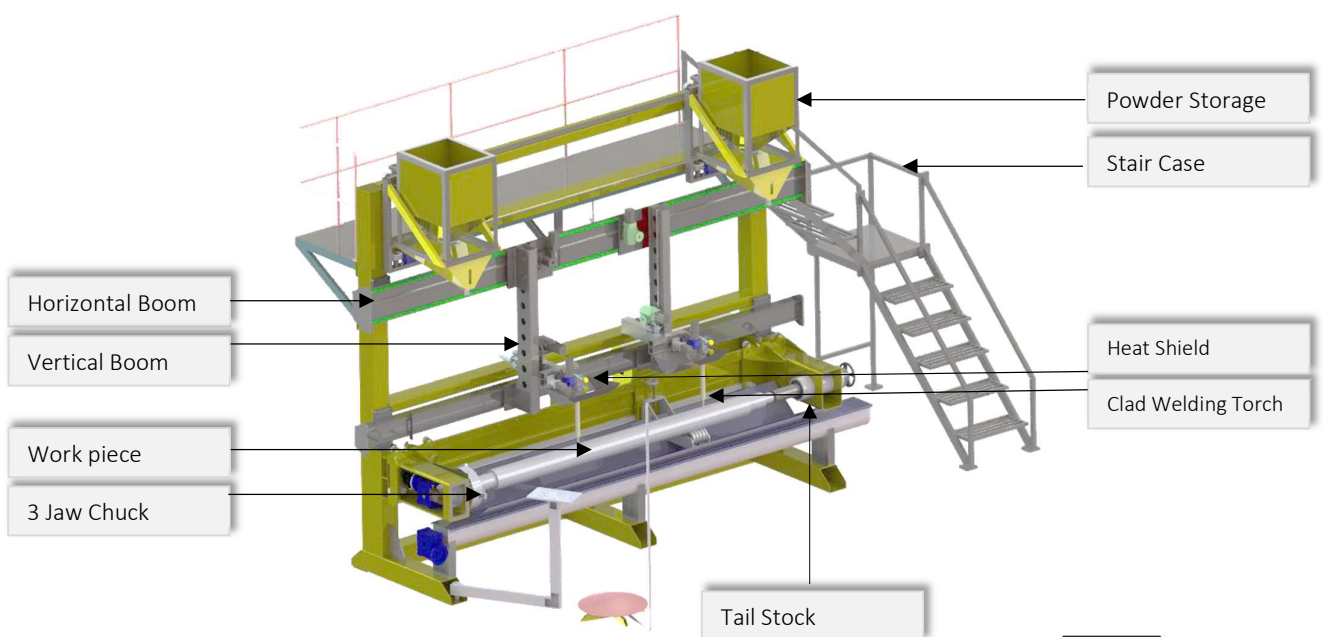
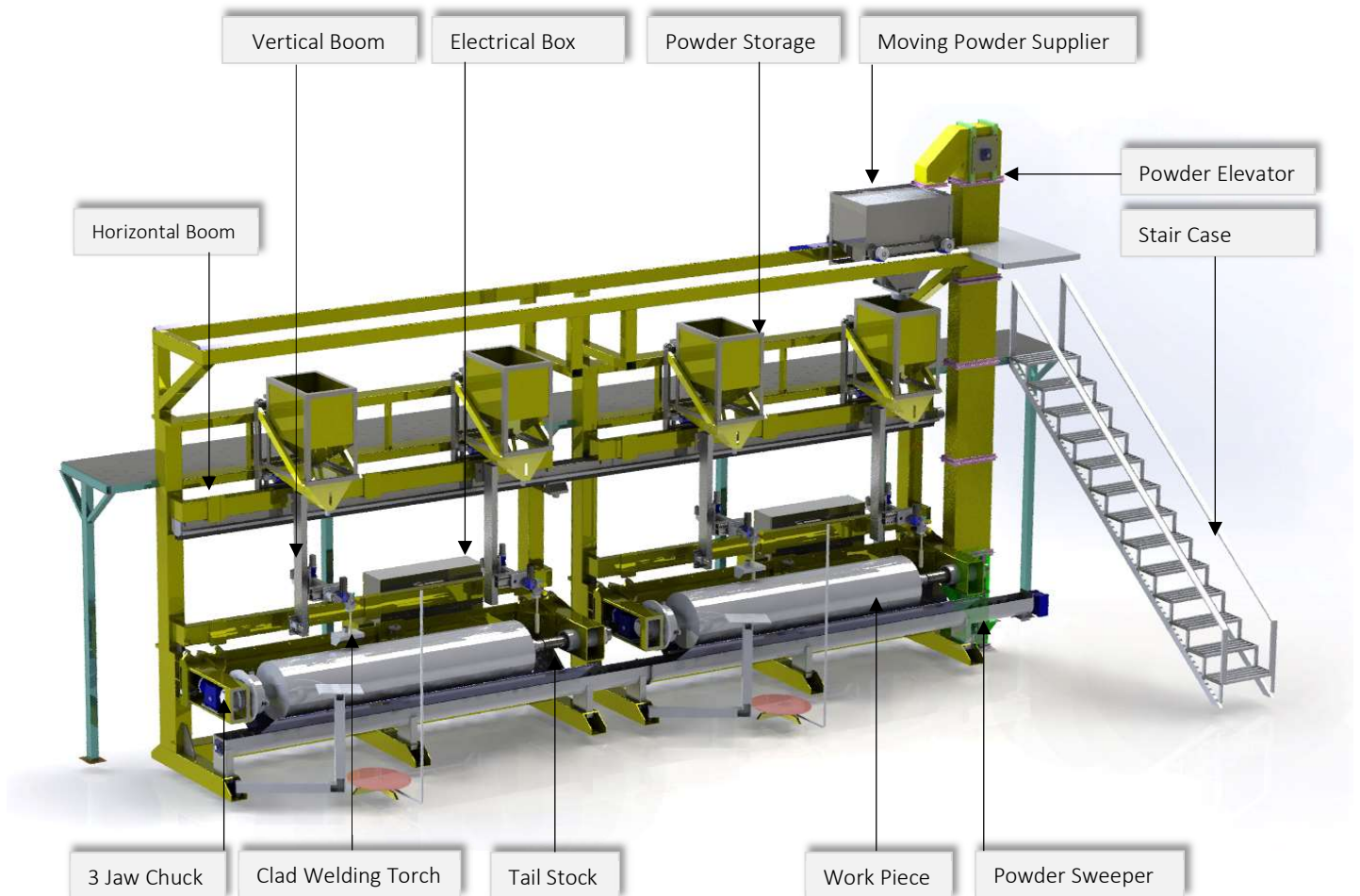
Mechanical Specification

1	Number of torch welding	2
2	Workpiece Weight	Max. 3ton
3	Workpiece Diameter	200-1000 mm
4	Workpiece Length	200 - 6000 mm
5	Cross box Traverse Stroke from center	45 mm
6	Cross box Vertical Speed	0.5 m/min
7	Cross box Vertical Stroke	500 mm
8	Cross box horizontal Speed	0.5 m/min
9	Cross box horizontal Stroke	3200 mm
10	Rotation Speed	0.2 – 3 RPM
11	Control System	Inverter-plc – HMI (Fatek)
12	Protection	IP22
13	Input Current	50A- 50HZ
14	Power Source	KARA TCR 1000A
15	Waving System	KARA Waving
16	Wire Size	Ø2.4- 2.8 mm
17	Water cool unit	KARA Cooling unit
18	Volume of Welding Powder Tank	50 lit
19	Total Machine Weight	Approx. 5 ton





KRCWM



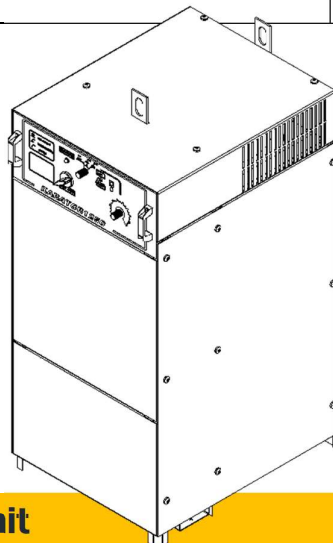
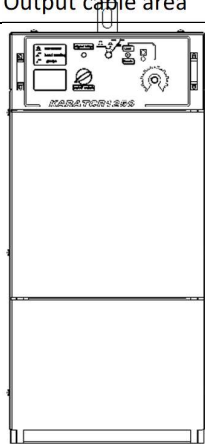


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KARA TCR 1250A Technical Specifications

1	Setting range	250A / 24V – 1250 / 44V
2	Max. load at 100% duty cycle	1250A / 44V
3	Max. output voltage variation for 5% in variation	2%
4	Max. output current at 100% D.C.	106A
5	Open circuit voltage	55V D.C
6	No load power	500W
7	Input power	3Ph/380V/50H
8	Full load Cos ϕ	0.92
9	Full load efficiency	0.86
10	Cooling Type	Air circuit with fan
11	Protection class	IP22
12	Insulation class	H (180°C)
13	Dimension L/W/H	760 / 590 / 1435 mm
14	Weight	490 Kg
15	Fuse (time lag)	125 A
16	Input cable area	4 x 25 mm
17	Output cable area	2 x 95 mm



KARA Suction Unit

1	Power	1.5kw
2	Voltage	380 v 3 ph.
3	Current	2.8 A
4	Vacuum	210 mbar
5	Air flow	180 m3/h
6	Weight	82 kg

