



IDEAL-Werk C. + E. Jungeblodt GmbH + Co. KG

IDEAL-Werk
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Technical data

Flash butt welding machines

	AS0 015	AS0 025	AS0 040	AS0 050	AS0 100
Max. upsetting pressure [kN]	15	25	40	50	100
Transformer power rating (alternative) [kVA]	30 (60)	40 (80)	80 (120)	120 (200)	200 (400)
Weight of basic machine [kg]	~1200	~1700	~2500	~3000	~5000
Weld cross-section non-alloyed steel [mm ²]	15 - 400	40 - 800	50 - 1300	50 - 1600	100 - 2500
Weld cross-section alloyed steel, BSt [mm ²]	15 - 250	40 - 400	50 - 650	50 - 800	100 - 1600
Weld cross-section stainless steel [mm ²]	15 - 120	40 - 250	50 - 330	50 - 400	100 - 800
Weld cross-section Aluminium [mm ²]	15 - 80	40 - 120	50 - 200	50 - 250	100 - 500
Dimensions, without hydro-unit, without switching cabinet:					
Width (approx.) [cm]	150	190	200	200	300
Depth (approx.) [cm]	120	140	150	150	180
Height (approx.) [cm]	170	180	180	210	240



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Technical data

Flash butt welding machines

	AS0 160	AS0 220	AS0 320	AS0 500
Max. upsetting pressure [kN]	160	220	320	500
Transformer power rating (alternative) [kVA]	500	630 (800)	800	1200
Weight of basic machine [kg]	~7000	~9000	~12000	~22000
Weld cross-section non-alloyed steel [mm ²]	200 - 4000	300 - 5000	400 - 6000	500 - 10000
Weld cross-section alloyed steel, BSt [mm ²]	200 - 2600	300 - 3500	400 - 5000	500 - 8000
Weld cross-section stainless steel [mm ²]	200 - 1300	300 - 1800	400 - 2600	500 - 4000
Weld cross-section Aluminium [mm ²]	200 - 800	300 - 1100	400 - 1600	500 - 2500
Dimensions, without hydro-unit, without switching cabinet:				
Width (approx.) [cm]	340	350	350	400
Depth (approx.) [cm]	200	200	200	250
Height (approx.) [cm]	240	250	270	280