

Successful manufacturing with  **Düring**



**Easy  
Basic  
Edition**

# X-Guns - 50/60 Hz

Type	X 150		XP150	X 200		XP 200	X 250		XP 250
Elektrode arm holder in mm	39		48	39		48	39		48
Throat gap in mm	150			200			250		
Cylinder working/retract stroke in mm	20 / 40			20 / 40			20 / 40		
Cylinder force at 6 bar in N	6 800 or 10 600			6 800, 10 600 or 14 400			6 800, 10 600 or 14 400		
Electrode force at 6 bar with 300 mm throat depth in N	3 600 or 5 600			3 600, 5 600 or 7 800			3 600, 5 600 or 7 800		
Rated power (50% duty cycle) in kVA	38	50	60	38	50	60	38	50	60
Secondary open-circuit voltage in V	6,5	8,3	10	6,5	8,3	10	6,5	8,3	10
Max. short-circuit current with 300 mm throat depth in kA	20	25	30	19	24	28	18	23	27
Max. welding current with 300 mm throat depth in kA	16	20	24	15,2	19,2	25,2	14,4	18,4	21
Supply power in kVA	78	125	180	74	120	168	70	115	162
Length in mm – without electrode arms	645	670	695	645	670	695	645	670	695
Depth / height without handle in mm	320	320	320	320	320	320	320	320	320
Weight without electrode arms in kg	64	67	70	68	71	74	72	75	78

# X-Guns - Medium frequency

Type	X 150		XP150	X 200		XP 200	X 250		XP 250
Elektrode arm holder in mm	39		48	39		48	39		48
Throat gap in mm	150			200			250		
Cylinder working/retract stroke in mm	20 / 40			20 / 40			20 / 40		
Cylinder force at 6 bar in N	6 800 or 10 600			6 800, 10 600 or 14 400			6 800, 10 600 or 14 400		
Electrode force at 6 bar with 300 mm throat depth in N	3 600 or 5 600			3 600, 5 600 or 7 800			3 600, 5 600 or 7 800		
Rated power (50% duty cycle) in kVA	75 – 2 D	100 – 4 D	250 – 6 D	75 – 2 D	100 – 4 D	250 – 6 D	75 – 2 D	100 – 4 D	250 – 6 D
Secondary open-circuit voltage in V	8,4	9,3	13,2	8,4	9,3	13,2	8,4	9,3	13,2
Max. short-circuit current in kA	20	30	50	20	30	50	20	30	50
Max. welding current in kA	16	24	40	16	24	40	16	24	40
Supply power in kVA	101	167	396	101	167	396	101	167	396
Length in mm – without electrode arms	650	720	830	650	720	830	650	720	830
Depth / height without handle in mm	320	320	320	320	320	320	320	320	320
Weight without electrode arms in kg	61	68	83	65	72	87	69	76	91

# C-Guns - 50/60 Hz

Type	DS-C100			DS-C150			DS-CB150		
Elektrode arm holder in mm	36			36			45		
Throat gap in mm	100			150			150		
Cylinder working/retract stroke in mm	20 / 80			20 / 80 or 20 / 150			20 / 80		
Throat depth	Depending on parts			Depending on parts			Depending on parts		
Electrode force at 6 bar in N	3 800			3 800			3 800 or 5 300		
Rated power (50% duty cycle) in kVA	38	50	60	38	50	60	38	50	60
Secondary open-circuit voltage in V	6,5	8,3	10	6,5	8,3	10	6,5	8,3	10
Max. short-circuit current in kA	18,5	23	27	18	23	27	18	23	27
Max. welding current in kA	14,4	18,4	21,6	14,4	18,4	21,6	14,4	18,4	21,6
Supply power in kVA	72	115	162	72	115	162	72	115	162
Length in mm – without electrode arms	605	630	655	605	630	655	630	655	680
Depth / height without handle in mm	340	340	340	340	340	340	340	340	340
Weight without electrode arms in kg	49	52	55	51	54	57	53	56	59

# C-Guns - Medium frequency

Type	DS-C100			DS-C150			DS-CB150		
Elektrode arm holder in mm	36			36			45		
Throat gap in mm	100			150			150		
Cylinder working/retract stroke in mm	20 / 80			20 / 80 or 20 / 150			20 / 80		
Throat depth	Depending on parts			Depending on parts			Depending on parts		
Electrode force at 6 bar in N	3 800			3 800			3 800 or 5 300		
Rated power (50% duty cycle) in kVA	75 – 2 D	100 – 4 D	250 – 6 D	75 – 2 D	100 – 4 D	250 – 6 D	75 – 2 D	100 – 4 D	250 – 6 D
Secondary open-circuit voltage in V	8,4	9,3	13,2	8,4	9,3	13,2	8,4	9,3	13,2
Max. short-circuit current in kA	20	30	50	20	30	50	20	30	50
Max. welding current in kA	16	24	40	16	24	40	16	24	40
Supply power in kVA	101	167	396	101	167	396	101	167	396
Length in mm – without electrode arms	610	680	790	610	680	790	635	705	815
Depth / height without handle in mm	340	340	340	340	340	340	340	340	340
Weight without electrode arms in kg	46	53	68	48	55	70	50	57	72



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