

Medium Frequency Spot Welding Machine



Medium Frequency Spot Welding Machine



Sample



Specification

MODEL		HFDB-50T	HFDB-50L	HFDB-100	HFDB-200	HFDB-320	HFDB-440
Transformer Rated Capacity	KVA	80	80	160	240	320	480
Power Supply	V/Φ/Hz	380/3/50					
Max. Primary Current	A	100	100	100	250	350	350
Primary Cable Specifications	MM²	3*16+2*10	3*16+2*10	3*35+2*16	3*50+2*25	3*70+2*35	3*95+2*50
Max. Short Current	KA	18	18	38	58	78	100
Rated Duty Cycle	%	20					
Secondary Voltage	V	9.6	9.6	9.6	9.6	12.5	12.5
Welding Cylinder Szie	Φ*L	50*50	125*75	165*110	200*110	250*150	250*150
Max. Welding Pressure	N	980	6000	10000	15000	24000	24000
Air Supply Pressure	Mpa	≥0.6					
Consumer of Compress Air	L/Min	0.18	1.78	4.29	6.7	14.43	14.43
Consumer of Cooling Water	L/Min	8	32	40	48	96	96
Throat	MM	120	450	425	425	280	280
Max. Spcaing Between Copper Platform	MM	95	176	250	350	400	400
Dimension L*W*H	MM	656*853*1291	1121*741*1635	1132*791*2041	1172*875*2149	1404*1137*2487	1404*1137*2487

Applicant



Medium Frequency AC-DC Spot Welding Machine



HFBP-50
medium-frequency
AC-DCspot welding
machine



HFBP-100
medium-frequency
AC-DCspot welding
machine



HFBP-200
medium-frequency
AC-DCspot welding
machine



HFBP-350
medium-frequency
AC-DCspot welding
machine

Sample



Applicant



Specification

MODEL		HFBP-50	HFBP-100	HFBP-200	HFBP-350
Transformer Rated Capacity	KVA	63	120	200	350
Power Supply	V/Φ/Hz	380/3/5			
Max. Primary Current	A	50	100	250	250
Secondary No-load Current	V	5.9	10.6	12.6	12.6
Primary Cable Specifications	MM ²	3*16+2*6	3*35+2*16	3*50+2*25	3*50+2*25
Max. Short Current	KA	20	33	43	58
Rated Duty Cycle	%	20			
Welding Cylinder Szie	Φ*L	125*80	160*110	200*110	200*110
Max. Welding Pressure	N	6000	10000	15000	15000
Air Supply Pressure	Mpa	≥0.6			
Consumer of Compress Air	L/Min	1.43	4.29	6.7	6.7
Consumer of Cooling Water	L/Min	20	40	32	48
Throat	MM	450	425	425	425
Max. Spcaing Between Copper Platform	MM	208	250	250	250
Dimension L*W*H	MM	1650*440*1000	1162*875*2149	1245*875*2007	1162*875*2149

YUEYI Series-Medium Frequency Spot Welding Machine



YYDB-100
medium-frequency
spot welding
machine



YYDB-200
medium-frequency
spot welding
machine



YYTR-10000 J
energy storage
spot welding
machine



YYTR-15000 J
energy storage
spot welding
machine



YYTR-20000 J
energy storage
spot welding
machine

YYBP-100
medium-frequency
AC-DC spot welding
machine

YYBP-200
medium-frequency
AC-DC spot welding
machine

■ Specification

MODEL		YYDB-100	HFDB-200
Rated Load Duration Rate	%	20	
Transformer Rated Capacity	KVA	160	240
Cylinder Capacity	MM	160/100	
Max. Welding Pressure	N	10000	
Max. Primary Current	A	100	250
Current adjustable Range	KA	0%-99%	
Transformer Insultaion Class		F Grade	
Throat	MM	390	
Secondary Max. Short- Circuit Current	KA	38	50
Lower Electrode Arm Deflection	MM	<0.1	
Max. Spcaing Between Copper Platform	MM	285	
Output Frequency	HZ	1000	
Protecion Function		Shutdown due to abnormal water flow, abnormal current, or abnormal pressure.	
Dimension L*W*H	MM	1045*749*1891	1045*758*1891

■ Specification



MODEL		YYTR-10000J	YYTR-15000J	YYTR-20000J
Rated Voltage	V/PH/HZ	380/3/50		
Rated Energy Storage Capacity	J	10000	15000	20000
Input Power	KVA	15	15	30
Max. Short Current	KA	30	100	130
Capacitance	uF	20000	60000	40000
Maximum electrode pressure(0.5 Mpa when subjected to air pressure input)	N	20000		
Arm spacing(the distance between the upper and lower plates	MM	377		
Arm extension (distance from the pressure center to the fuselage)	MM	430		
The maximum stroke of the electrode	MM	130		
Air source pressure	Mpa	0.5		
Cooling water flow rate	L/min	10		