

# HYDRAULIC WELDING GENERATORS

## HWG - Series



DYNASET hydraulic welding generators are compact and integrated all-in-one units, designed for both mobile and workshop installation. The only power source is a hydraulic system to provide generator with required hydraulic fluid flow at demanded pressure. DYNASET hydraulic welding generator transforms hydraulic power into high quality electricity, which is to be used either for welding or for energizing electrical tools, appliances and other equipment.



### DYNASET HYDRAULIC WELDING GENERATORS WITH SINGLE PHASE AUXILIARY ELECTRICITY

		HWG 200 - 30	HWG 250 - 40
WELDING CURRENT	A	40 - 200 ADC	60 - 250 ADC
WELDING ELECTRODE		Ø 4 mm - 5/32"	Ø 5 mm - 3/16"
WELDING CURRENT ADJUSTM		STEPLESS	STEPLESS
LOAD DUTY		ED 60% / 200 A ED 100% / 120 A	ED 40% / 250 A ED 100% / 120 A
ARC STRIKING VOLTAGE	V	70 VDC	
WELDING VOLTAGE	V	22 - 32 VDC	
AUXILIARY ELECTRICITY		230 V / 2 kW	230 / 2 kW
HYDRAULIC REQUIREMENTS			
Hydraulic oil flow	gpm	9 gpm	11 gpm
Hydraulic oil pressure	psi	725 - 2750 psi / max. 3000 psi	
WEIGHT	lbs	37	40

### DYNASET HYDRAULIC WELDING GENERATORS WITH 3-PHASE AUXILIARY ELECTRICITY

HWG 180/5k-33    HWG 230/6k-48    HWG 300/12k-66    HWG 400/15k-81

		HWG 180/5k-33	HWG 230/6k-48	HWG 300/12k-66	HWG 400/15k-81
WELDING CURRENT	A	40 - 180 ADC	40 - 230 ADC	25 - 300 ADC	30 - 400 ADC
WELDING ELECTRODE		Ø 4 mm - 5/32"	Ø 5 mm - 3/16"	Ø 6 mm - 1/4"	Ø 7 mm - 9/32"
WELDING CURRENT ADJUSTMENT		selector switch 3 x 7 positions	selector switch 2 x 7 positions	stepless 2 power ranges	stepless 2 power ranges
LOAD DUTY		ED 50% / 180 A ED 100% / 110 A	ED 40% / 230 A ED 100% / 120 A	ED 60% / 300 A ED 100% / 220 A	ED 60% / 400 A ED 100% / 300 A
ARC STRIKING VOLTAGE	V	73 VDC		80 VDC	
WELDING VOLTAGE	V	22 - 32 VDC			
AUXILIARY ELECTRICITY		synchrogenerator 50 Hz			
1-phase		230 VAC / 3,5 kVA	230 VAC / 3 kVA	230 VAC / 4 kVA	230 VAC / 4 kVA
3-phase		400 VAC / 6,5 kVA	400 VAC / 6 kVA	400 VAC / 12 kVA	400 VAC / 15 kVA
HYDRAULIC REQUIREMENTS					
Hydraulic oil flow	gpm	9	13	18	22
Hydraulic oil pressure	psi	operating pressure 725 - 2750 psi / max. 3000 psi			
WEIGHT	lbs	99	165	236	309

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