



EDW 350/400/500

The best choice for onsite application

**Silenced Canopy – Noise level <75dB at 1m from the Equipment. CPCB approved.*

Engine Driven welder with built-in Auxiliary Power Unit (both 1phase and 3 phases).

Unmatched Nation Wide After Sales Network of ESAB & Engine OEM

Salient Features

- Reliable water cooled engine.
- Mechanical Governor from MICO BOSCH with excellent sensitivity.
- Heavy-duty water cooled, turbo-charged fuel efficient diesel engine.
- Large fuel tank capacity ensures long hours of operation without refueling.
- Capable of MMA welding with up to 4.0/5.0 mm electrodes on EDW350/400 respectively
- Special Pipe welding feature for Cellulosic Electrodes.
- Class 'H' Insulation ensures longer operational life and for most rigorous applications.
- special smoothening Reactor for Ripple Free Output to ensure minimum spatter during welding.
- Auxiliary power outlets with heavy duty industrial plug and socket with protective shroud. MCB of suitable rating provided.



Diesel engine



Water cooling



Electric starter



Battery 12V



Engine protection



Oil pressure indicator



Water temperature



Fuel Level Gauge



Alternator



Electronic voltage regulator



Ammeter



Hour counter



Thermal shut off



Thermal shut off



1 - Phase 230V AC



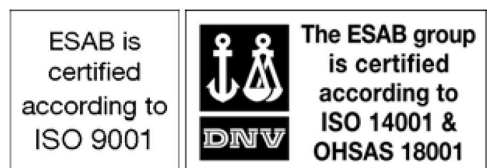
3 - Phase 415V AC

Technical data	EDW 350	EDW 400/500
Engine		
Type	3305GM	S3.8G4
Make	Mahindra & Mahindra	Cummins
No of Cylinders	3	4
Type of cooling	Water	Water
Starter	12V electric	12V Lucas
Battery	88 Ah	65Ah
Fuel	Diesel	Diesel
Governor	Mechanical	MICO Bosch
Fuel tank volume	60 Litres	80 Litres
Fuel consumption	3.2 l/hr	4.5 l/hr
Power at 1500rpm	30 BHP	58 BHP
Welding output		
Current setting range	Stepless	
Electrode type	All including Cellulosic	All including Cellulosic
Sizes	4.0 mm continuous	5.0 mm continuous
Maximum hand welding current DC at		
60% duty cycle	300A	400A
100% duty cycle	240A	310A
OCV	90V	90V
Insulation class	H	H
Auxiliary Power		
3ph supply	7.5 KVA/415V,50Hz	10 KVA/415V,50Hz
1ph supply	2.5 KVA/230V,50Hz	2x2.5 KVA/230V,50Hz
Size		
Dimensions (LxWxH) mm	2600x1030x1800	2900x1400x2010
Weight Kg	900	1250
Undercarriage with tow bar	2 wheel as standard	2 wheel as standard
Noise level		
	75 dB at 1M distance from outer periphery of the equipment	75 dB at 1M distance from outer periphery of the equipment
Ordering information		
	EDW 350 With seperable two wheel undercarriage and tow bar 46F0103350	EDW 400 MK2/ EDW 500 With seperable two wheel undercarriage and tow bar 46F0102400/46F115500
Optional: leaf springs, hand brake & cold starting kit		

ESAB - features	
Display	Protection / Indication
✓. Fuel level	✓. Water temperature failure
✓. Lube oil pressure / Temperature	✓. Battery charging failure
✓. Water temperature	✓. Over speed failure
✓. Battery current	✓. Low lube oil pressure failure
✓. Hour meter / RPM	



Dependable Service



ESAB INDIA LIMITED

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