

ANNEXTURE-4

TECHNICAL SPECIFICATION OF AIR PLASMA CUTTING MACHINE

PARAMETER	UNIT	RANGE
POWER SOURCE		
INPUT SUPPLY VOLTAGE	VOLTS 3 PHASE, 50 Hz	380--440
PHASE		3 PHASE
FREQUENCY	C/S	, 50 Hz
RATING CURRENT	AMPS	28
FUSE RATING	AMPS	TP-45
OUT PUT		
CUTTING CURRENT	AMPS	100--135
OCV RANGE	DC VOLT	300--320
INSULATION		F CLASS
HOUSING PROTECTION GRADE		IP --21
ARCING WAY		Piolt Arc Transformer
REQUIRE AIR PRESSURE	Kg/Cm ²	4--5
CUTTING CAPACITY		
QUALITY CUTTING	MM	30--35
SEVERANCE CUTTING	MM	40--50
TORCH		
COOLING	TYPE	AIR
CABLE HOSE LENGTH	Mtrs	08--10
WEIGHT	Kg	150 APPROX
MANUFACTURER OR MAKE	① Ador Foentech ② DSH Secheron ③ L & T ④ Seer Arc ⑤ Ralli Wolf	

Anjan

ANNEXTURE - 2

SPECIFICATION

SINGLE STAGE CYLINDER . BELT DRIVE RECIPROCATING LUBRICATED AIR COMPRESSOR WITH FOLLOWING DETAILS

BASE FRAME MOUNTED

AIR RECEIVER CONFORMING TO ASME DESIGN (CAPACITY 180 Ltrs)

PRESSURE RELIEF VALVE WITH PRESSURE GAUGE

MOTOR--	3 H.P.	2.2 Kw	(SINGLE PHASE)
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PISTON DISPLACEMENT	$0.28 \text{ M}^3/\text{Min}$	9.99 cfm
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FREE AIR DELIVERY	$0.19 \text{ M}^3/\text{Min}$	6.77 cfm
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MAX PRESSURE	10 Kg /Cm^2	145psi
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MAKE	ELGI OR KIRLOSRAAR OR ATLAS COMPRESSOR		
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