

AIR COOLED DIESEL ENGINE, 4, 6 & 8 HP ENGINE-3600 RPM

Irrigating Smiles

ROTARY TILLER

- PROMPT AFTER SALES SERVICE
- POWERFUL ENGINE
- LATEST TECHNOLOGY
- EASY TO OPERATE
- ECO FRIENDLY
- FUEL EFFICIENT



INDRA MARSHAL POWER PVT. LTD.

THE ULTIMATE TILLING MACHINE

TECHNICAL SPECIFICATION

TILLER MODEL		4HP	6HP	8HP
PARTICULARS	UNIT	YAMADA-RT80	YAMADA -RT 105	YAMADA-RT135
ENGINE MODEL		YD170	YD178	YD186
TYPE		Vertical 4 stroke single cylinder Air cooled diesel engine		
COMBUSTION CHAMBER		Direct Injection		
BORE	MM	70	78	86
STROKE	MM	55	64	72
DISPLACEMENT	CC	212	305	418
COMPRESSION RATIO		20:01	20:01	20:01
RATED SPEED OF PTO	RPM	3600	3600	3600
POWER	KW	2.8	3.7	6.3
SPECIFIC FUEL CONSUMPTION	G/KW-H	279	279	279
FUEL CONSUMPTION AT AVG.LOAD	L/H	0.6	0.75	0.85
GOVERNOR SYSTEM		Mechanical Centrifugal Type		
COOLING SYSTEM		Air Cooled		
FUEL TANK CAPACITY	LIT.	2.5	3.5	5.5
OIL SUMP CAPACITY	LIT.	0.75	1.1	1.65
TYPE OF LUBRICATION SYSTEM		Force Feed Type		
TRANSMISSION MODE		Gear Transmission (Constant Mesh Gear Box)		
CLUTCH MODE		Wet Multi -Disc with Manual Clutch		
GEAR OIL CAPACITY	LIT.	1.8	2.2	2.2
TRAVEL SPEED	High -KM/H	9	10	12
	Low -KM/H	6	5	7
	Resersing -KM/H	2	2	3
ROTARY BLADES SPEED	RPM	110±15	115±15	117±15
TOTAL BLADE QUANTITY	PCS	24	32	32
TOTAL GRUPS OF BLADES	PCS	6	8	8
ROTARY BLADE TYPE		Bent blade for dry land		
DEPTH OF OPRETION	CM	8-11	9-13	10-15
WIDTH OF OPRETION	CM	60-105	60-105	60-105
WORKING EFFICIENCY	Ha/h	0.069-0.08	0.069-0.08	0.069-0.08
OVERALL DIMENSION	MM	1680*850*1060	1680*920*1100	1800*950*1350
WEIGHT	KG	95	125	133

ATTACHMENTS AVAILABLE :

Rotavator, Plough, Cultivator, Leveler, Spray Pump, Reaper, Paddy Tynes, Potato Digger, Ridger and Seed Drill.

Manufactured By : **Indra Marshal Power Pvt. Ltd**

(Formerly known as Indra Marshall Oil Engines)

Regd. Office & Works : 13 B, Sector - 'A', Industrial Area, Sanwer Road, Indore - 452015 (M.P.)

+91-731-3314111 / 114, Fax : +91-731-3314104, 1800 200 5003

care@indramarshal.com, indramarshall@yahoo.co.in, +91-9111999700

www.indramarshal.com

AUTHORISED DEALER