



VST

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CEV / Industrial Engine Application



Japanese Technology
Driven IDI Engine



Fuel
Efficient



3000 RPM



Compact
Engine



High
Torque



Global Footprint
in > 40 Countries

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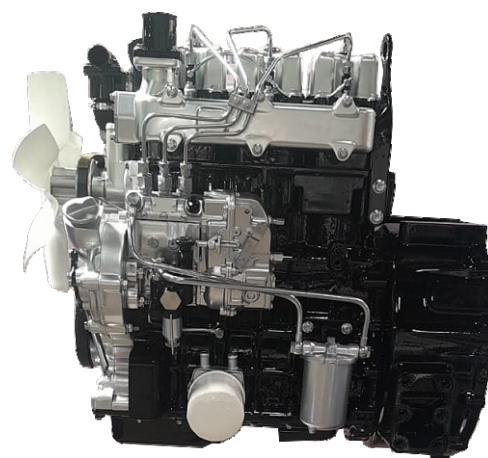
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Technical specifications

Parameter	Units	Details			
Engine Model	-	22HP-V3D	24HP-V4D2	V4D3HT	3.2 L
Engine Type	-	Naturally Aspirated IDI Engine	Naturally Aspirated IDI Engine	Naturally Aspirated IDI Engine	Naturally Aspirated DI Engine
No of Cylinder	No's	3	4	4	3
Swept Volume	cc	0.98	1.3	1.6	3.22
Bore x Stroke	mm	73 x 78	73 x 78	73 x 95	107 x 120
Rated Speed	RPM	3000	2700	2700	2100
Rated Gross Power	HP	22	24	30	49
Max Torque Speed	RPM	2400	2200	2200 +/-200	1300
Max Torque	Nm	568	70	91	220
Low Idle Speed	RPM	900 +/- 50	1000 +/- 50	950 +/- 50	800
High Idle Speed	RPM	1350 +/- 25	2900 +/- 25	2925 +/- 25	2270
Emission Norms	—	Trem IIIA, Stage 5	Trem IIIA, Stage 5	Trem IIIA	Trem IIIA
Engine Weight <Full Scope>	Kgs	125	145	152	353
Engine Dimension L x W x H	mm	488x482x569	619x420x567	619x420x585	735x598 x802

Features

CC	0.9L	1.2L	1.3L	1.6L	3.2L
HP	22	23	24	30	49
Stage V/CEV V Ready	✓	✓	✓	✓	✗
Non Emission	—	—	—	—	✓



**TILLERS
TRACTORS LTD.**

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