

DIAMOND

DIESEL ENGINE

**DIRECT INJECTION
FUEL SAVING**

DDI 2700 H

DDI 2700HE

DDI 2700HM

DDI 2700HME

DDI 2700CE



**MORE
POWER**

**MORE
EFFICIENT**

**BETTER
PERFORMANCE**



**PT TRI RATNA DIESEL
INDONESIA**

P.T. TRI RATNA DIESEL INDONESIA

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SPESIFIKASI / SPECIFICATION :

Item	Model	DDI 2700 HE	DDI 2700 CE	DDI 2700 HME	DDI 2700 H	DDI 2700 HM
Tipe motor / Engine type		Mendatar, 1 silinder, 4 langkah, berpendingin air / Horizontal, 1 cylinder, 4 cycle, water cooled				
Sistem pembakaran / Combustion system		Tipe pembakaran langsung / Direct injection				
Diameter x langkah / Bore x stroke (mm)		118 x 115	118 x 115	118 x 115	118 x 115	118 x 115
Isi silinder / Cylinder capacity (cc)		1257	1257	1257	1257	1257
Tenaga maximum / Maximum output (HP / rpm)	Model	27 / 2400	27 / 2400	27 / 2400	27 / 2400	27 / 2400
Tenaga rata-rata / Rating output (HP / rpm)	standar	24 / 2400	24 / 2400	24 / 2400	24 / 2400	24 / 2400
Torsi maksimum / Maximum torque (Kgm / rpm)		9 / 1400	9 / 1400	9 / 1400	9 / 1400	9 / 1400
Perbandingan kompresi / Compression ratio		17 : 1	17 : 1	17 : 1	17 : 1	17 : 1
Berat kosong / Net weight (Kg)		241	235	215,5	215	215,5
Arah putaran / Rotation direction		Berlawanan jarum jam, dilihat dari sisi roda penerus / Counter-clockwise, viewed from flywheel side				
Sistem penyalaan / Starting system		Starter elektrik / Electric starter			Dengan engkol dan membocorkan kompresi / Hand starting with a decompression device	
Sistem peredam getaran / Shock absorber system		Dengan poros pengimbang ganda dan bobot lawan pada poros engkol / By super balancer system extra double balancer shaft together with counterweights				
Sistem pendinginan / Colling system		Hopper / Hopper type	Kondensor/Condenser	Hopper marine	Hopper	Hopper marine
Kapasitas air pendingin / Water collant capacity (L)		23	4,7	23	23	23
Sistem pelumas / Lubrication system		Pelumasan tekan dengan pompa oli trochoid / Forced lubrication trochoid oil pump				
Kapasitas pelumas / Lubricant capacity (L)		7				
Minyak pelumas / Lubricating oil		Pelumas motor diesel SAE 30/40 / D.C.O. - SAE 30/40 - Derajat CC/CD				
Saringan udara / Air filter		Pembersihan awal dengan siklon dan dimandikan minyak / Oil bathed, cyclone type with pre-cleaner				
Bahan bakar / Fuel		Solar / Diesel fuel				
Konsumsi bahan bakar / Fuel consumption (gr/hp.jam)		190				
Kapasitas tangki bahan bakar / Fuel tank capacity (L)		19				
Dimensi / Dimension	Panjang / Length (mm)	1005	1100	1100	930	930
	Lebar / Width (mm)	500	500	500	500	500
	Tinggi / Height (mm)	880	940	940	880	880

KURVA KINERJA DDI 2700
DDI 2700 PERFORMANCE CURVES

