

PRODUCT REFERENCE

GN Series Chassis and Engine Specification

Reformatted from the customer-issued GN12 / GN15 chassis and engine workbook for clearer review. Confirm the final engine pairing and supplied equipment package in the quotation.

Chassis

Model	GN 12 / 15
Overall dimensions	2950 x 980 x 1240 mm
Minimum ground clearance	210 mm
Wheel tread	810 / 750 / 690 / 630 / 570 mm
Forward speeds	6 speeds
Reverse speeds	2 speeds
Construction weight	470 kg (without engine)
Productivity	Plowing: 360.3-701 sq.m/hour; harrowing: 720-1308 sq.m/hour; tilling: 727-1534 sq.m/hour

Rotary configuration

Included implements	Rotary cultivator (two sets of blades); mud wheel
Rotary speed	Low: 199; high: 250
Working width	600 mm (18 blades or 24 blades)
40HQ quantity (with engine)	50 sets

Source: customer-issued workbook "SPECIFICATION FOR SUPER 12/15 CHASSIS" and engine reference table. This PDF improves reading layout only; it does not replace quotation confirmation.

Engine Specifications

The workbook associates RV125-2 and RT125DI / RT125DIE with GN12 references, and ZT140DI / ZT140DIE with the GN15 reference.

Parameter	Unit	RV125-2 (GN12)	RT125DI / RT125DIE (GN12)	ZT140DI / ZT140DIE (GN15)
Type		Single cylinder / horizontal / water cooled / 4-cycle	Single cylinder / horizontal / water cooled / 4-cycle	Single cylinder / horizontal / water cooled / 4-cycle
Bore x stroke	mm	94 x 96	94 x 96	97 x 96
Displacement	cc	624	666	709
Maximum output	Hp (kW) / rpm	12.5 (9.2) / 2400	12.5 (9.19) / 2400	14 (10.29) / 2400
Continuous rated output	Hp (kW) / rpm	10.5 (7.7) / 2200	11 (8.09) / 2400	12.5 (9.19) / 2400
Fuel consumption	g/Hp (kW).h	182 (248)	170 (231)	170 (231)
Rated speed	rpm	2400	2400	2400
Compression ratio		18	18:1	18:1
Valve clearance (cold engine)	mm	Intake 0.20-0.30; exhaust 0.25-0.35	0.195-0.235	0.195-0.235
Cooling system		Radiator	Radiator	Radiator
Governor system		Machine whole centrifugal	Flying hammer centrifugal speed type	Flying hammer centrifugal speed type
Fuel injection pressure	kgf/cm2	210 +/- 4.9	190-210	190-210
Fuel delivery position		19 degrees +/- 1	17-19 degrees	17-19 degrees
Combustion system		Direct injection system	Direct injection system	Direct injection system
Lubricating system		Combined with oil mist splashing	Forced lubricating with trochoid pump	Forced lubricating with trochoid pump
Lubricating oil		SAE 40 API CF	SAE 40 API CF	SAE 40 API CF
Fuel		SAE No. 2-D	SAE No. 2-D	SAE No. 2-D
Fuel tank capacity	L	9	11	11
Starting system		Hand cranking	Speed-doubling handle by hand / electric start	Speed-doubling handle by hand / electric start
Motor for e-start		/	Start motor 1315c; 12V45AH battery (12V30-52AH)	Start motor 1315c; 12V45AH battery (12V30-52AH)
Direction of rotation		Counterclockwise facing flywheel	Counterclockwise facing flywheel	Counterclockwise facing flywheel
Lamp		12V45W	12V 35W/35W	12V45W
Measurement	mm	760 x 370 x 600	820 x 348 x 560 / 890 x 420 x 600 (e-start)	820 x 348 x 560 / 890 x 420 x 600 (e-start)
Net weight	kg	105	114 / 116	114 / 116

Source: customer-issued engine reference table. Values are presented as documented; final engine, electric-start option and supply scope remain quotation-confirmed.