

Truck Gerard de Rooy

IVECO Powerstar (Strator - torpedo)

Dimensions and weights

Overall length	6.800 mm
Width	2.550 mm
Height	3.000 mm
Wheelbase	4.400 mm
Total weight	8.500 kg empty; 9.300 kg ready to start
Weight distribution front/rear	50% / 50%

Engine

Type	IVECO Cursor 13
Displacement	12,9 liter
Features	6 cylinder line engine, 24 valves, electronic Bosch unit injectors, Holset turbo
Maximum power	840 hp @ 2200 rpm (600 kW @ 2200 rpm)
Maximum torque	3600 Nm @ 1200 rpm

Transmission

Clutch	Single plate, diameter 430 mm
Gearbox	ZF 16S221OD, reduction 11,54 – 0,84 : 1; version: with servo shift
Transfer case	ZF-Steyr VG1600/300, reduction 0,89 : 1, version: without differential
Axles	SISU driven front and rear axle with CTIS tyre in- and deflation system

Chassis

Longitudinal side members	Ladder type frame with high-tension steel (KF600) dimension 260x75x6 mm without inner liner
Front axle suspension	L&P 3-leaf springs with 4 Donerre shock absorbers per axle, mounted with coil springs.
Rear axle suspension	L&P 2-leaf springs with 4 Donerre shock absorbers per axle, mounted with coil springs, equipped with stabilizer
Tyres	MICHELIN 14.00 R20 XZL
Fuel tank	1 x SAG-Alutech tank of steel; capacity 700 ltr

Brakes

Type	Knorr-Bremse, disc brakes, 430 x 42 mm
System pressure	8 bar

Cab

Type	IVECO Powerstar (Strator) , sleeper cab version
Seats	3 Rally seats equipped with 6-point safety belts and a roll-over protection bar
Cab suspension front	Silent blocs
Cab suspension rear	Suspended with coil springs and hydraulic shock absorbers
Lighting	Hella Xenon headlights, Hella LED rear lights

