



STRONG, VERSATILE, MULTIFUNCTIONAL: READY FOR EXTREME JOBS !

- Heavy Duty 4x4 traction
- 7.5t admissible total weight
- Robust steel construction with C-profile frame
- Portal axles for increased off-road capability
- High axle load limits allow for various attachments
- Fully customizable

GRAELION 75

4x4, 7,5 Ton
Multipurpose Vehicle

Chassis Cab

by TEKNE
made in Italy





GRAELION 75 E6

4x4 7,5 Ton
Chassis Cab
Multipurpose Vehicle

TECHNICAL DETAILS

Chassis and mechanics

Drive	LHD
Driveline	4x4
Chassis Frame	Special steel with high elasticity limit, two flat and parallel side members, C section, cross members bolted to the frame.
Engine	FPT Iveco, 3.0L Turbo Diesel Max power 173 Hp / 129 kW @ 3500rpm Max torque 430Nm @ 1600rpm Heavy duty engine cooling Emissions compliant to Directive Euro VI step C
Fuel Tank	std: 70L, stainless steel opt: 140L, stainless steel
Transmission	std: Manual FPT 2840.6, 6+1 speed opt: Automatic Allison 1000, 6+1 speed opt: Transmission oil cooler
Clutch	Hydraulically operated dry single-disc clutch.
Transfer case	Mechanical with two ratios (fast/slow). This results in 12 forward gears and 2 reverse gears for on- and off-road. Provision for PTO. Lockable differential.
PTO (opt)	Depending on requirements and applications, power take off is available up to 55kw from Gearbox, Transfer box, Front engine pulley, Rear engine.
Axles and Suspensions	Rigid type portal axles with parabolic leaf springs and telescopic double acting shock absorbers. Lockable Differential.
Tires	Available different types, suitable for any use. std: 335/80R20, Continental MPT81
Steering	Hydraulic assisted power steering.
Electrical System	Battery: 12V -110 Ah Alternator: 14V -140A Starter: 2,5kW
Cab	Robust steel construction with anti-corrosive surface protection and cab floor with electro-galvanisation, sound and thermal insulation. 2 ergonomic seats with 3-point safety belts. 3-seats version available in option. A/C system available in option. Panoramic windscreen made of laminated safety glass. Electrical window lifter and toolbox inside the cab as standard equipment. Crew cab available in option.



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Dimensions, Weights and Performances

Gross Vehicle Weight	7500 Kg
Max load on axles	front: 4000 Kg; rear: 5000 Kg.
Tare, curb weight	approx 2850 Kg (depending to configuration)
Available Wheelbase	3000 - 3250 - 3500 - 3750 - 4000 mm. Tailor-made version, upon request
Max Width	2020 mm (without mirrors)
Total height	approx 2612 mm
Ground clearance	450 mm
Front approach angle	49°
Angle of departure	38°
Fording depth	800 mm
Max climbing gradient	min 60%
Maximum Speed	100 Kmh

Optional equipments

Crew cab version	Radio CD / Navigation system
Automatic transmission	Strobe lights, police bar, siren, PA, Search Lights, etc.
PTOs	Internal battery charger with external socket
Air conditioning system	Rear view camera
Self-recovery winch	Lashing and tie-down provisions
Automatic fire suppression system	Full customized versions
140L Fuel tank	

This document may not be considered as a contract specification.
Tekne reserves the right to modify the technical characteristics of this equipment without notice.

Equipments:

TEKNE offers a wide range of equipments: from a rolling chassis, which our customers can fit bodywork as needed, to a fully equipped vehicle.

TEKNE's technical expertise and design of the structure allow any particular demand to be met.

- AMBULANCE
- AMPLIROLL
- FIRE BRIGATES
- RAIL- ROAD VEHICLE
- ARMoured VEHICLE
- CAMPER VAN
- FIXED BODY
- WASTE COMPACTOR
- DEFENCE
- DOUBLE CAB

- CRANE
- ACCESS PLATFORM
- CIVIL PROTECTION
- TIPPING BODY
- SALT SPREADER
- SNOWPLOW
- DRILL
- TRIBENNE
- TANK

