

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

Dimensions, Weights and Performances

X - Wheelbase (mm)	3000	3250	3500	3750	4000	4250
Total length (mm)	5194	5529	5929	6394	6794	7200
Maximum width (mm)	2020 (without mirrors)					
Total height (mm)	2575					
Ground Clearance (mm)	450					
α - Front approach angle	44°					
(180°- β) - Ramp breakover angle	39°	37°	37°	37°	36°	35°
γ - Angle of departure	37/31°	35/29°	32/26°	30/23°	27/21°	25/19°
Gross Vehicle Weight (Kg)	7500					
Max load on front axles (Kg)	4000					
Max load on rear axles (Kg)	5500					
Tare, curb weight (Kg)	3400	3425	3450	3475	3500	3525
Max climbing gradient	min 60%					
Fording depth (mm)	800					
Maximum Speed (Km/h)	100					

Body

Chassis frame	Special steel with high elasticity limit Two flat and parallel side members C section Cross members bolted to the frame.
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.
Fuel Tank	std: 70L, stainless steel opt: 140L, stainless steel



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Chassis and mechanics

Drive	LHD
Driveline	4x4
Engine	FPT Iveco, 3.0L Turbo Diesel - Emissions compliant to Directive Euro VI step C Max power 173 Hp / 129 kW @ 3500rpm Max torque 430Nm @ 1600rpm
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

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 BRIGADES
- 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



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