



STRONG, VERSATILE, MULTIFUNCTIONAL: READY FOR EXTREME JOBS !

- Heavy Duty 4x4 traction
- 6t admissible total weight
- Robust steel construction with C-profile frame
- Compactness and agility, for maneuvering in tight spaces
- The high axle load limits allow various types of assembly
- Endless tool mounting possibilities - Multifunctionality
- Fully customizable

GRAELION 60

4x4, 6 Ton
Multipurpose Vehicle

Chassis Cab

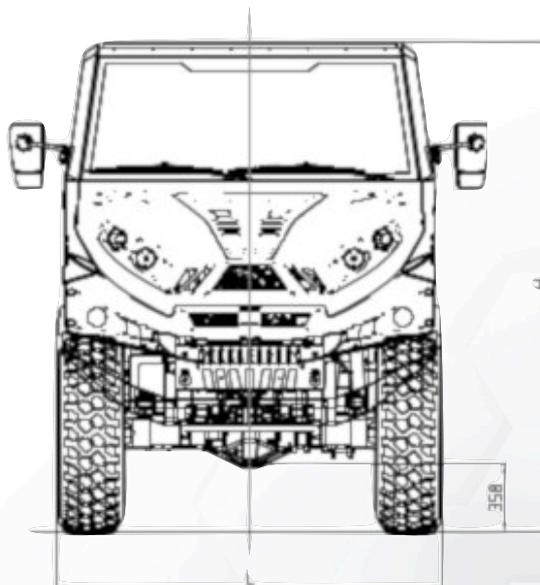
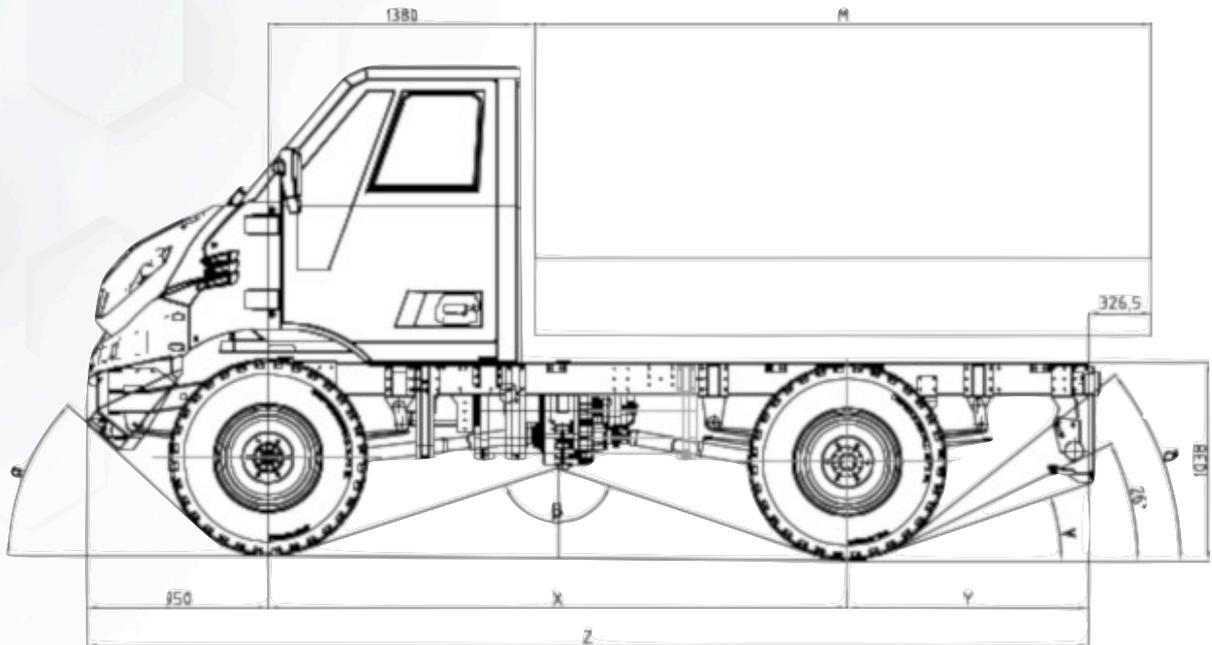
by TEKNE
made in Italy





GRAELION 60 E6

4x4 6 Ton
Chassis Cab
Multipurpose Vehicle





GRAELION 60 E6

4x4 6 Ton Chassis Cab Multipurpose Vehicle

Dimensions, Weights and Performances

X - Wheelbase (mm)	3000	3250	3500	3750	4000	4250
Z - Total Length (mm)	5200	5600	6000	6400	6800	7200
M - Body Length (mm)	3200	3600	4000	4400	4800	5200
Y - Rear Overhang (mm)	1250	1400	1550	1700	1850	2000
L - Maximum width (mm)	2050 (without mirrors)					
H - Total height (mm)	2510					
C - Ground Clearance (mm)	358					
α - Front approach angle	41°					
(180°- β) - Ramp breakover angle	37°	35°	38°	37°	34°	32°
γ/δ - Angle of departure	26°/40°	23°/35°	20°/31°	18°/28°	17°/26°	15°/24°
Gross Vehicle Weight (Kg)	6000					
Max load on front axle (Kg)	1050					
Max load on rear axle (Kg)	2050	2075	2100	2125	2150	2175
Tare, curb weight (Kg)	3100	3125	3150	3175	3200	3225
Max climbing gradient	min 60%					
Fording depth (mm)	700					
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





GRAELION 60 E6

4x4 6 Ton Chassis Cab Multipurpose Vehicle

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 axles with parabolic leaf springs and telescopic double acting shock absorbers. Lockable Differential.
Brake System	Hydraulic braking with 4 discs dia 300 front, 192 rear; ABS.
Tires	275/80R20 (134K), Continental MPT81, single track tires.
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.

MINING/CONSTRUCTION

- Tipping Body
- Roll-off body
- Aerial Platform
- Waste Compactor

EMERGENCY & SAFETY

- Ambulance
- Civil protection
- Firefighting
- Mobile office

PEOPLE TRANSPORT

- Van
- Camper
- Double cabin

DEFENCE

- Police
- Troop Carrier
- SOV
- Armoured

...and many more



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