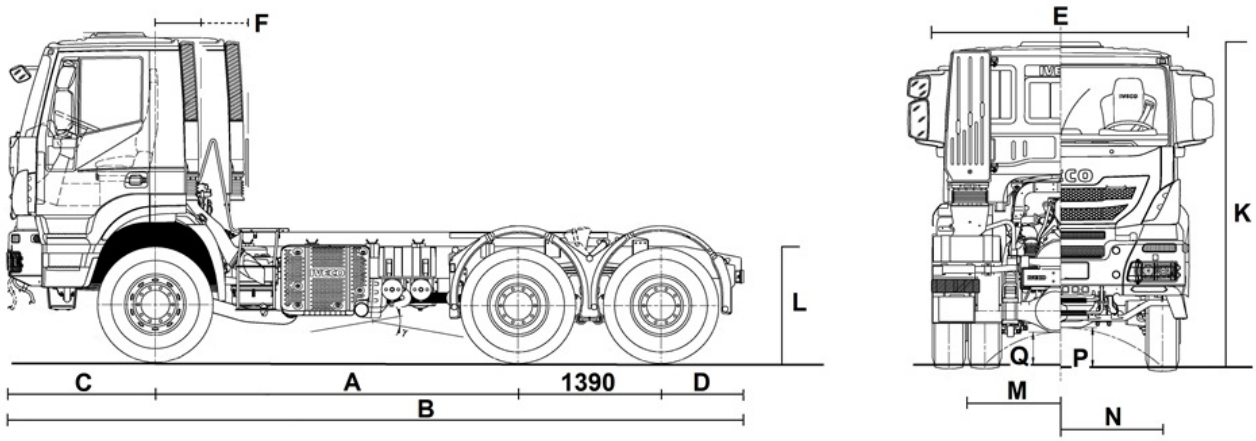
Weights & dimensions



3500 1390

Max length (B)	7159
Max width (cab) (E)	2550
Front axle to back of cab (F)	900
Frame height end of frame, unladen(L)	1228
Frame height front axle, unladen	1153
Frame height rear axle, unladen	1208
Back of cab to end of frame	4819
Front overhang (C)	1440
Rear overhang (D)	780
Minimum ground clearance (front)	371
Minimum ground clearance (rear)	311
Overall height to top of cab,unladen(K)	3227
Turning diameter kerb to kerb	18000
Turning diameter wall to wall	19200
Front track (M)	1981
Rear track (N)	1827
Approach angle (°)	25
Departure angle (°)	43
Ramp angle (°)	19

Weights & dimensions

	3500 1390
Left hand drive vehicle drawing	5801805641
Total vehicle kerb weight	10760
Kerbweight - F. Axle	5590
Kerbweight - Rear Axles (2° + 3°)	5170
G.V.W. (EC)	26000
G.V.W. (Design)	33000
Plated weight on axle 1 (EC)	8000
Plated weight on axle 2 (EC)	9500
Plated weight on axle 3 (EC)	9500
Plated weight on axle 1 (Design)	8000
Plated weight on axle 2 (Design)	13000
Plated weight on axle 3 (Design)	13000
Max body & payload (EC)	15240
Max body & payload (Design)	22240
Side members thickness	10
Side members max height	309
Flange width	80
Frame width at rear	776

Notes:

Weights are to standard configuration and include: chassis cab (or tractor), driver (75 kg), full fuel tank, Adblue (if present), tools kit and spare wheel (if present).

The height of the side member includes the thickness as well.

Fuelling:
Fuel tank: 300 litres,steel, filter, fuel pump, prefilter, fuel separator.

Steering:
Recirculating balls - power assisted.
Steering wheel diameter: 470 mm.
Steering wheel adjustment: height and inclination.
Steering wheel lock.

Engine compartment:
Sound-proof.
Trailer light connection.

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Model Components

FCP - MT - 33 - 33 Ton

Weights (in general)

GVW (kg)	33000
GCW (kg)	40000

Notes:

The weights are indicated more precisely in the section: "Weights and dimensions".
The values of GVW / GCW can vary according to the markets and the homologations.

FCP - CA - 6X6 - 6x6

Configuration

Axle Configuration	6 X 6

FCP - VE - TRATTOR - Tractor

Version

Version	ARTIC

FCP - DR - SX - LH drive

Drive

Left

FTP - EN - F3HFE611 - Cursor 13 (Euro 6)

Engine

Position	FRONT
Cycle	DIESEL
Aspiration type	TC+INTERCOOLER
4 Stroke / 2 Stroke cycle	4
No. of cylinders	6
Cylinders layout	IN-LINE
Bore (mm)	135
Stroke (mm)	150
Total displacement cm³	12900
(Torque, generic ref. only. See: "EP")	2200

Engine - Miscellaneous

Weight (without oil / water) Kg	1230
Injection system	Common rail (2200 bar)
Injection governor type	EDC
Cooling system	water
Cold starting type	THERMOSTARTER

Model Components

Notes :

ALTERNATOR AND COMPRESSOR :

For the Models with " Cursor 9 / Cursor 13" are available : 90A Alternator and 352 cc. Air Compressor.

For the models " Concrete Mixer " are available : 90A Alternator and 630 cc. Air Compressor.

Hi-e SCR after-treatment :

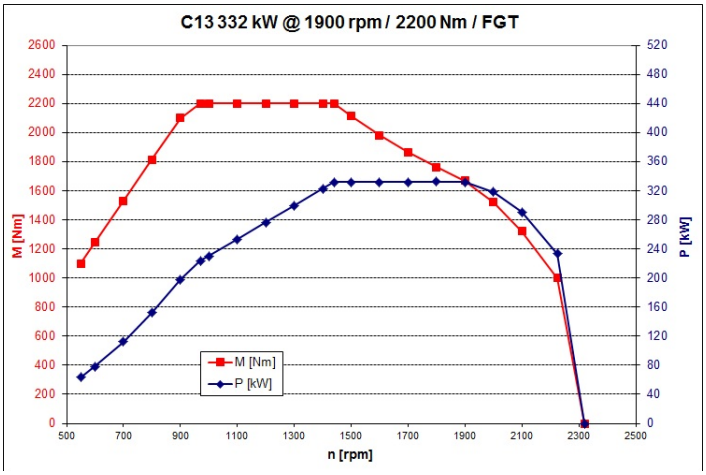
DOC (Diesel Oxydation Catalyst): promotes oxidation of seversl exaust gas componentsby oxygen. The oxidation of NO to NO2 plays an important role on the performance of ATS system. NO2 allws to reach "Passive regereration " into DPF.

DPF (Diesel Particulate Filter): introduced in order to cut down PM and PN (Particulate numbers) before SCR catalyst through "Passive regeneration", increasing the ATS system efficiency.

SCR (Selective catalytic Reduction): required to reduce NOx through the injection of AdBlue. Urea hydrolysis and gas distribution on the SCR catalyst assure full exhaust gas flow treatment.

CUC (Clean Up Catalyst): integrated in the SCR, is required to eliminate residual ammonia (NH3) for legislation implications.

FCP - EP - 450 C13 - Cursor 13 - 450 HP



Engine

Power kW	331
Power Hp	450
Rpm at Max Power	1900
Torque Nm	2200
Rpm 1/min (min)	1000
rpm (min. "Max Torque" eng. speed)	1000

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Model Components

Notes :

Engine Brake power : 391 Kw / 2600 rpm.

Noise : CE 1999 / 101.

The engine complies with the EURO VI emission regulations.

Electronic VGT :
Elettronically governed VGT has been introduced on all the engines.
Performance is increased in comparison with EuV-VGT.
Electronic management will assure a better power/torque delivery, according to the load factor, for a better driveability and fuel consumption.
The electronic governor also allows diagnosis and monitoring activities to assure a correct turbocharger functioning.

ELECTRONIC COMMON RAIL :
Peak nozzle pressures up to 2200 bar and highter flixibility in fuel.
Multiple injection capability more precise metering and timig control for all injection events.
Optimized combustion process for highter reduction of PM (no active regeneration necessary) into the engine.
Better performance also on low rpm, with benefits in term of low-end-torque.
Rail and injectiors are under-covered and so fully integrated with cylinder head. This solution assures a noise reduction (-1dBA) in comparison with Cursor Euro V (Electronic Unit Injector).

FTP - GB - 16S 2220 TO - Gearbox ZF 16 vel - OverDrive

Gearbox

Gearbox Type	SYNCRONIZED
Installation	ENGINE FLANGED
Dry weight Kg	315
Coupling control	Hand control - air assisted
No. of gears (forward)	16
No. of reverse gears	2
Coupling grid	HH-Coupling control

Gear ratios

Gear ratio: 1st gear	13.8
Gear ratio: 2nd gear	11.54
Gear ratio: 3rd gear	9.49
Gear ratio: 4th gear	7.93
Gear ratio: 5th gear	6.53
Gear ratio: 6th gear	5.46
Gear ratio: 7th gear	4.57
Gear ratio: 8th gear	3.82
Gear ratio: 9th gear	3.02
Gear ratio: 10th gear	2.53
Gear ratio: 11th gear	2.08
Gear ratio: 12th gear	1.74
Gear ratio: 13th gear	1.43
Gear ratio: 14th gear	1.2
Gear ratio: 15th gear	1
Gear ratio: 16th gear	.84
Gear ratio: rev. 1st	12.92
Gear ratio: rev. 2nd	10.8
Gear Ratio: Last Gear	.84

Clutch

Type	SINGLE DRY PLATE
Actuation	PULL TYPE
Adjustment	AUTOMATIC
Outer diameter (inches)	17

Model Components

FTP - GB - 12AS 2330 TO - Automated 12 speed ZF Gear Box

Gearbox

Gearbox Type	AUTOMATED
Installation	ENGINE FLANGED
Coupling control	Electrical-air (semiautomatic)
No. of gears (forward)	12
No. of reverse gears	2

Gear ratios

Gear ratio: 1st gear	12.33
Gear ratio: 2nd gear	9.59
Gear ratio: 3rd gear	7.44
Gear ratio: 4th gear	5.78
Gear ratio: 5th gear	4.57
Gear ratio: 6th gear	3.55
Gear ratio: 7th gear	2.7
Gear ratio: 8th gear	2.1
Gear ratio: 9th gear	1.63
Gear ratio: 10th gear	1.27
Gear ratio: 11th gear	1
Gear ratio: 12th gear	.78
Gear ratio: rev. 1st	11.41
Gear ratio: rev. 2nd	8.88
Gear Ratio: Last Gear	.78

FTP - GB - 16AS 2630 TO - Automated 16 speed ZF Gear Box

Gearbox

Gearbox Type	AUTOMATED
Installation	ENGINE FLANGED
Total ratio speed	17.01
Coupling control	Electrical-air (semiautomatic)
No. of gears (forward)	16
No. of reverse gears	2

Gear ratios

Gear ratio: 1st gear	14.12
Gear ratio: 2nd gear	11.68
Gear ratio: 3rd gear	9.54
Gear ratio: 4th gear	7.89
Gear ratio: 5th gear	6.52
Gear ratio: 6th gear	5.39
Gear ratio: 7th gear	4.57
Gear ratio: 8th gear	3.78
Gear ratio: 9th gear	3.09
Gear ratio: 10th gear	2.56
Gear ratio: 11th gear	2.09
Gear ratio: 12th gear	1.73
Gear ratio: 13th gear	1.43
Gear ratio: 14th gear	1.18
Gear ratio: 15th gear	1
Gear ratio: 16th gear	.83
Gear ratio: rev. 1st	13.07
Gear ratio: rev. 2nd	10.81
Gear Ratio: Last Gear	.83

FTP - TB - 32220 - Transfer Box

Type

Model	TC 2200
Low speed ratio	1.6
High speed ratio	1

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Model Components

FTP - MA - 5985/2D - Motoassale Iveco (fr.tam D.D.)

Axle

Axle type	RIGID
Reduction type	Hub reduction

Brakes

Brake type	Drum (Duo-Duplex)

FTP - RA - 453291/2D - Tandem Iveco H.R. (fr.tam 2D)

Other features

Axle Type	RIGID
Reduction type	HUBS REDUCTION

Brakes

Brake type	Drum (Duo-Duplex)

FTP - FS - MECCANICA - Front mechanical suspension

Suspensions

Springs material	STEEL
Front Axle Suspension Type	Parabolic spring

FTP - RS - CANTILEVER - Cantilever rear suspension

Shock absorbers

Shock absorbers type	HYDRAULIC TELESCOPIC

FTP - FR - MJ3500ID3 - 2 bottle necks 289x80x10

Chassis (mm)

Front crossmembers fixing	BOLTED
Middle crossmember fixing	RIVETED
Rear crossmember fixing	BOLTED
Frame section	DOUBLE BOTTLE NECK

Chassis / W.B.

Section shape	"C"
Wheelbase mm	3500
Side members material	STEEL

FCP - TF - TAM-TAM - Drum brakes (front/rear)

Brakes

Standards	Ec
Type	Drum (Duo-Duplex)

FTP - CL - AT-NT SX - AT-NT New Tech SX

Cab

Version	HI-ROAD - Sleeper cab
Cab type	FORWARD CONTROL
Material	STEEL PLATE
Steps no.	3
Corrosion protection	with wax, underseal and cavity sealing
Sound protection	with sound proof panels

Roof

Roof material	STEEL, INTERNALLY COVERED WITH FABRIC, WASHABLE
Prearrangement rotating roof light	

Tilt

Tilting device	HYDRAULIC

IVECO

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Model Components

Tilt angle	60°
Cab Suspensions	
Front suspension points	MC PHERSON UNITS
Rear suspension points	HELICAL SPRINGS AND SHOCK ABSORBERS (MC PHERSON)
Dimensions	
Front Area	6.7
Air Penetration Coefficient	.72
Doors	
Front doors no.	2
Front doors type	SIDE HUNG, INTERNALLY COVERED WITH FABRIC
Window operation	FULL ELECTRICAL
Front handle	
Rear view mirrors	
Rear view mirr no	4
Mirrors control	MANUAL
Heating	
Fan speed no.	4
Heating control	MANUAL
Windscreen	
Windscreen according to standards	EEC/USA
Windscreen	IN ONE PIECE WOUND UP
Windscreen wiper	
No. of windscreen wiper speeds	2
No. of windscreen wipers	2
Seats	
No. of places	2
No. of seats	2
Driver seat type	AIR
Driver seat adjustme	3 ways: height, longitudinal and back inclination
Passenger seat type	SINGLE - FIXED
Passenger seat adjustment	IN HEIGHT, LENGTH AND BACK INCLINATION
Headrest	
Safety belts	
Covered in fabric	
Miscellaneous	
Sun visors no.	2
Ceiling no.	2
Radio pre-wiring	
CB pre-wiring	
No. of bunks	1
Bunks position	BOTTOM BUNK TILTABLE (AT)
Chafing-dish	
Steering column adjustment type	COLUMN ANGLE
Cab floor	
Floor (main features)	Sound proof and heat proof shields
Floor (other features - 1)	Removable mats
Floor (other features - 2)	Engine bonnet with sound and warm proof shields

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Model Components

Remarks:

Athermic windows.

Doors with fabric and plastic covering, storage compartments, bottle-holder, defrost system for door windows, arm rests;
Corrosion protection, underseal and cavety sealing with wax.

No. of places: 1 (with medium roof) - 2 (with low roof)

Driver's seat:
Head rest, seat belts, fabric covering.

Passenger's seat (AT low roof only):
Fixed, 2 way adjustable (longitudinal +adjustable back), head rest, seat belts, fabric covering.

Roof panel:
Prearrangement for revolving roof lamp (opt. 2477) (AT low roof only).
Roof hatch (electrical control) with athermic glass (AT medium roof only).

Exterior equipment:
External storage box (on side wall) opened from inside, front bumper with steps, mudguard, front grille, front towing hook (removable), side spoilers as splash protection, mudflaps, external engine starter (when cab is tilted) including safety device, rear cab lighting (tractors only).

Floor:
Removable mats.

Interior equipment:
Adjustable steering column (pneumatic control), storage compartments, shelves in overhead console, shelves at floor level, interior lights, 2 spotlights (steps lighting), sun visor, flexible spotlamp on side wall, curtains.

Interior equipment - prearrangement for:
Tachograph, loud-speaker, aerial, passenger seat (AT / medium roof), rack, additional air heater.

Central console:
can holders, small storage compartment, central panel, adjustable air vents, 2 ash-trays, lighter / 24 V, heating control / manually adjusted air conditioning system, compressed air socket for removing dust, 12 V socket, parking brake lever, holder for mobile telephone.

FCS - J0000 - 08350 - AT-NEW TECH LOW ROOF CAB

Cab interior

Features	(see below)

Model Components

NEW CAB INTERNAL:
STD
New dashboard / High Quality Trimming / Revised door panels / Revised steering Wheel.

OPT
Fridge: 20 litres / Night time air conditioning.

THE AVAILABILITY OF THE FOLLOWING OPTIONS DEPENDS ON VERSIONS AND MARKETS :

SAFETY:
Xenon headlamps.

LED day running lights.

TPMS (on cluster): Tyre Pressure Monitoring System is an electronic system which monitors the air pressure inside a tyre and provides information on faults in real time to the driver. In addition to improving vehicle safety, TPMS helps the driver plan tyre maintenance and contributes to reducing fuel consumption.

EBS + BAS
Electronic Braking System (EBS). The EBS also integrates ABS (Antilock Braking System), ASR (Acceleration Slip Regulation) and EBL (Electronic Brake Limiter) functions. The system combines the action of the engine brake and the Intarder, which are automatically activated in order to increase efficiency and minimise the wear on the service brakes. The system ensures short braking distances and even wear of the brake pads.

ESP
Electronic Stability Program (ESP). The ESP system acts in skidding phase, by adjusting the engine power and braking on individual wheels with different intensities so as to stabilise the position of the vehicle. It is effective both in case of sudden deviations from the trajectory and in correcting situations of oversteer or understeer, which may occur in case of incorrectly approaching a bend.

HILL HOLDER
The Hill Holder system is an aid that is used during hill starts. Its function is to prevent the retraction of the vehicle for a few seconds when releasing the brake pedal. Thanks to this solution, it is possible to start on hills without any danger, without slipping of the clutch and with very low wear of the tyres.

ACC
Adaptive Cruise Control (ACC). Adaptive Cruise Control is an intelligent system that maintains constant cruise speed at the level selected by the driver. It can also detect if the vehicle gets too close to the vehicle in front. In the event that a safe distance is not maintained, the engine brake, intarder and service brake are activated automatically.

DOWNHILL CRUISE CONTROL GAP
The "Downhill Cruise Control GAP" is an additional functionality of Cruise Control.

LDWS
Lane Departure Warning System (LDWS). The Lane Departure Warning System beeps when the vehicle strays from the lines that mark the driving lane without the indicators being activated. The system is very effective in preventing accidents due to distraction or sleepiness.

THE AVAILABILITY OF THE FOLLOWING OPTIONS DEPENDS ON VERSIONS AND MARKETS :

FUEL CONSUMPTION OPTIMIZATION:
ECOSWITCH
Designed to reduce fuel consumption, ECOSWITCH is an important aid for the driver. It activates the "iEco program" in order to optimise gear shifting strategy and performance according to actual vehicle weight, assuring the best productivity under any operating condition.

ECOFLEET
ECOFleet with Eurotronic transmission: a feature that Iveco makes available to fl eets, particularly those who operate with multiple driver changeover (where drivers are not always fully conversant with the vehicle and cannot therefore utilise the vehicle to its full potential in terms of fuel consumption).
In ECOFleet mode, whilst allowing the driver to shift gear when needed (e.g. when starting up and before and after travelling uphill), manual use of the transmission is partially inhibited to optimise gear shifts and reduce the possibility of human error.

DSE -DAS
- Driving Style Evaluation (DSE)
It is a system aimed at improving the driver performance in terms of fuel consumption and brake use.

- Driving Attention System (DAS)
The DAS function monitors the driver's attention.

INFOTAINMENT TELEMATICS:
IVECONNECT (touch screen radio) - Radio Blue Tooth - Truck Navigation Predisposition - New Telematic Box.

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Model Components

FCS - D7000 - 02307 - STEEL WHEELS RUOTE IN ACCIAIO

Wheels

Rim type	DISC
Rim material	STEEL

FCS - I0000 - 20079 - TYRES 13R22.5 - 156/.- MIXED USE - G/J

Tyres

Load index	156/150
Speed index	K = 110 KM/H
Rolling circumference m.	3.41
Dinamic Radius m	.543
Rolling resistance Coefficient	.0072

Std. on Trakker models.

The performances of "13R22.5" and "12R20" are the same.

FCS - I0000 - 20795 - TYRES MULTI USE 315/80R22.156-150 LOAD INDEX

Tyres

Load index	156/150
Speed index	L = 120 KM/H
Rolling circumference m.	3.278
Dinamic Radius m	.522
Rolling resistance Coefficient	.006

FCS - I0000 - 20790 - TYRES MULTI USE 315/80R22.5 LOAD INDEX 156/50

Tyres

Load index	156/150
Speed index	L = 120 KM/H
Rolling circumference m.	3.282
Dinamic Radius m	.522
Rolling resistance Coefficient	.006

FCS - I0000 - 20081 - TYRES 13R22.5 MIXED USE / OFF ROAD

Tyres

Load index	156/150
Speed index	G = 90 KM/H
Rolling circumference m.	3.428
Dinamic Radius m	.54
Rolling resistance Coefficient	.007

Std. on Trakker models.

The performances of "13R22.5" and "12R20" are the same.

FCS - I0000 - 20885 - TYRES 385/65-315R22.5-315/80 MIXEDUSE/OFF ROAD

Tyres

Load index	156/150
Speed index	K = 110 KM/H
Rolling circumference m.	3.278
Dinamic Radius m	.522
Rolling resistance Coefficient	.006

FCS - D0000 - 06019 - 4.67 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	4.67

FCS - D0000 - 06021 - 5.01 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	5.01

Model Components

FCS - D0000 - 06017 - 4.23 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	4.227

FCS - D0000 - 06032 - 3.79 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	3.792

FCS - D0000 - 06034 - 5.56 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	5.56

FCS - D0000 - 06036 - 6.57 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	6.57

FCS - D0000 - 05003 - 6.09 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	6.096

FCS - MPN00 - 05031 - 170 AH BATTERIES

Electrics

Voltage V	24
Alternator power V/A	28 / 90
Starter power kW	5,5
No. of batteries	2
Batteries capacity V/Ah	12 / 170

Notes:
Standard battery for Stralis / Trakker models

FCS - MPN00 - 02576 - 220 AH BATTERIES

Electrics

Voltage V	24
Alternator power V/A	28 / 90
Starter power kW	5.5
No. of batteries	2
Batteries capacity V/Ah	12 / 220

IVECO

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Calculations

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 5003 - 6.09 REAR AXLE RATIO

Efficiency : 0.91 | **Off Road**

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	6.096	2.89	100					100	100		
	L.	.84		47.45	8.6					6.96	6.26		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	6.096	3.23	100					100	100		
	L.	.78		51.1	7.92					6.4	5.75		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	6.096	2.82	100					100	100		
	L.	.83		48.02	8.48					6.86	6.17		

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6017 - 4.23 REAR AXLE RATIO

Efficiency : 0.91 | **Off Road**

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	4.227	4.17	100					100	100		
	L.	.84		68.43	5.67					4.55	4.07		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	4.227	4.66	100					100	99.43		
	L.	.78		73.69	5.19					4.15	3.71		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	4.227	4.07	100					100	100		
	L.	.83		69.25	5.59					4.48	4.01		

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6019 - 4.67 REAR AXLE RATIO

Efficiency : 0.91 | **Off Road**

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	4.67	3.77	100					100	100		
	L.	.84		61.94	6.36					5.12	4.59		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	4.67	4.22	100					100	100		
	L.	.78		66.7	5.84					4.69	4.2		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	4.67	3.68	100					100	100		
	L.	.83		62.68	6.28					5.05	4.52		

IVECO

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Calculations

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6021 - 5.01 REAR AXLE RATIO

Efficiency : 0.91 | **Off Road**

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	5.01	3.51	100					100	100		
	L.	.84		57.73	6.9					5.56	4.99		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	5.01	3.93	100					100	100		
	L.	.78		62.17	6.34					5.1	4.57		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	5.01	3.43	100					100	100		
	L.	.83		58.43	6.81					5.48	4.92		

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6032 - 3.79 REAR AXLE RATIO

Efficiency : 0.91 | **Off Road**

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	3.792	4.64	100					100	100.24		
	L.	.84		76.28	4.97					3.98	3.55		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	3.792	4.54	100					100	100		
	L.	.83		77.2	4.9					3.92	3.49		

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6034 - 5.56 REAR AXLE RATIO

Efficiency : 0.91 | **Off Road**

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	5.56	3.17	100					100	100		
	L.	.84		52.02	7.76					6.27	5.63		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	5.56	3.54	100					100	100		
	L.	.78		56.02	7.14					5.76	5.17		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	5.56	3.09	100					100	100		
	L.	.83		52.65	7.66					6.18	5.55		

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Calculations

Tyres :	**20079 - TYRES 13R22.5-156-3-**	**Rear Axle Ratio :**	**6036 - 6.57 REAR AXLE RATIO**
Efficiency :	**0.91**	**Off Road**	

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	6.57	2.68	100					100	100		
	L.	.84		44.02	9.34					7.57	6.81		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	6.57	3	100					100	100		
	L.	.78		47.41	8.61					6.96	6.26		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	6.57	2.62	100					100	100		
	L.	.83		44.55	9.22					7.47	6.72		

Tyres :	**20079 - TYRES 13R22.5-156-3-**	**Rear Axle Ratio :**	**5003 - 6.09 REAR AXLE RATIO**
Efficiency :	**0.91**	**On Road**	

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	6.096	4.62	100					100	100		
	L.	.84		75.92	5					4	3.57		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	6.096	5.17	100					97.75	82.16		
	L.	.78		81.76	4.57					3.64	3.24		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	6.096	4.52	100					100	100		
	L.	.83		76.83	4.93					3.94	3.52		

Tyres :	**20079 - TYRES 13R22.5-156-3-**	**Rear Axle Ratio :**	**6017 - 4.23 REAR AXLE RATIO**
Efficiency :	**0.91**	**On Road**	

VCB Code	Ratios			Speed	Max Gradeability								
URFC41B6	16S 2220 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	13.8	4.227	6.66	87.18					64.31	56.37		
	L.	.84		109.48	3.09					2.42	2.13		
URFC41C6	12AS 2330 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	12.33	4.227	7.46	72.39					55.09	48.72		
	L.	.78		117.91	2.76					2.15	1.89		
URFC41D6	16AS 2630 TO		453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
					33000					40000	44000		
	1°	14.12	4.227	6.51	90.88					66.47	58.14		
	L.	.83		110.8	3.03					2.38	2.09		

IVECO

FDP: U1T6 MARKET: 1360 Model: AT720T45WT

Calculations

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6019 - 4.67 REAR AXLE RATIO

Efficiency : 0.91 | **On Road**

VCB Code	Ratios		Speed	Max Gradeability								
URFC41B6	16S 2220 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 13.8	4.67	6.03	100					74.67	64.71		
	L. .84		99.1	3.55					2.81	2.48		
URFC41C6	12AS 2330 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 12.33	4.67	6.75	85.21					63.13	55.4		
	L. .78		106.72	3.2					2.52	2.22		
URFC41D6	16AS 2630 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 14.12	4.67	5.9	100					77.46	66.9		
	L. .83		100.29	3.5					2.76	2.44		

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6021 - 5.01 REAR AXLE RATIO

Efficiency : 0.91 | **On Road**

VCB Code	Ratios		Speed	Max Gradeability								
URFC41B6	16S 2220 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 13.8	5.01	5.62	100					83.82	71.82		
	L. .84		92.37	3.91					3.1	2.75		
URFC41C6	12AS 2330 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 12.33	5.01	6.29	97.02					69.95	60.95		
	L. .78		99.48	3.54					2.79	2.47		
URFC41D6	16AS 2630 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 14.12	5.01	5.5	100					87.26	74.42		
	L. .83		93.49	3.84					3.04	2.7		

Tyres : 20079 - TYRES 13R22.5-156-3- | **Rear Axle Ratio :** 6032 - 3.79 REAR AXLE RATIO

Efficiency : 0.91 | **On Road**

VCB Code	Ratios		Speed	Max Gradeability								
URFC41B6	16S 2220 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 13.8	3.792	7.43	72.84					55.38	48.97		
	L. .84		122.04	2.61					2.03	1.78		
URFC41D6	16AS 2630 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 14.12	3.792	7.26	75.51					57.1	50.41		
	L. .83		123.51	2.56					1.99	1.74		

FDP: U1T6 MARKET: I360 Model: AT720T45WT

Calculations

Tyres :	**20079 - TYRES 13R22.5-156-3-**	**Rear Axle Ratio :**	**6034 - 5.56 REAR AXLE RATIO**
Efficiency :	**0.91**	**On Road**	

VCB Code	Ratios		Speed	Max Gradeability								
URFC41B6	16S 2220 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 13.8	5.56	5.07	100					100	85.12		
	L. .84		83.23	4.47					3.56	3.17		
URFC41C6	12AS 2330 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 12.33	5.56	5.67	100					82.62	70.9		
	L. .78		89.64	4.06					3.22	2.87		
URFC41D6	16AS 2630 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 14.12	5.56	4.95	100					100	88.65		
	L. .83		84.24	4.4					3.5	3.12		

Tyres :	**20079 - TYRES 13R22.5-156-3-**	**Rear Axle Ratio :**	**6036 - 6.57 REAR AXLE RATIO**
Efficiency :	**0.91**	**On Road**	

VCB Code	Ratios		Speed	Max Gradeability								
URFC41B6	16S 2220 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 13.8	6.57	4.29	100					100	100		
	L. .84		70.44	5.47					4.39	3.92		
URFC41C6	12AS 2330 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 12.33	6.57	4.8	100					100	93.96		
	L. .78		75.86	5.01					4	3.57		
URFC41D6	16AS 2630 TO	453291/2D	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)			
				33000					40000	44000		
	1° 14.12	6.57	4.19	100					100	100		
	L. .83		71.29	5.4					4.32	3.86		