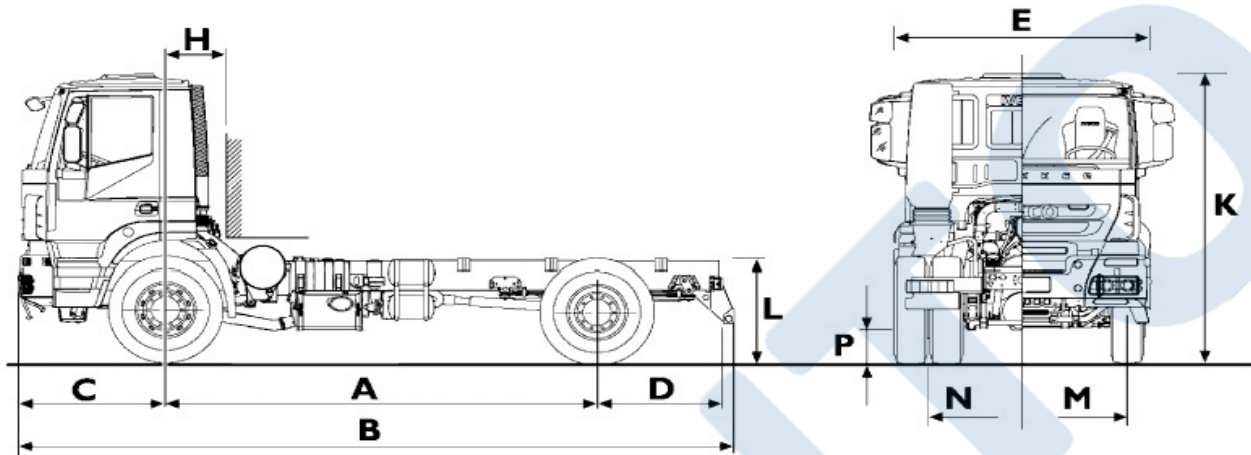


AD / AT 190T38 WH

Rigid 4x4



WEIGHTS (kg.)		G.V.W.	G.C.W.	Front axle	Rear axle				
Design weights (std.)		19000	44000	8000	13000				
Design weights (opt.)		19000	55000*	9000	13000				
* Irregular towing operations (max. gradient 7%)									
KERBWEIGHTS (kg.) cab / wb.		short		3800	4200	4500			
Front axle				5045	5055	5060			
Rear axle				2475	2495	2600			
Total				7520	7550	7660			
PAYLOAD (kg.) @ G.V.W.				11480	11450	11340			
DIMENSIONS (mm)				3800	4200	4500			
A	Wheelbase			3800	4200	4500			
B	Overall length (over bumpers)			6602	7007	7862			
C	Front overhang			1440	1440	1440			
D	Rear overhang			1195	1195	1780			
E	Cab width			2550	2550	2550			
G	Back of cab to end of frame	short		4714	5119	5974			
		long		4274	4679	5534			
H	Cab gap	short		445 (760)	445 (760)	445 (760)			
	(with vertical exhaust muffler)	long		900 (1210)	900 (1210)	900 (1210)			
K	Cab height (unladen)			3234	3234	3324			
L	Frame height at rear frame end			1253	1251	1259			
	Frame thickness			7,7	7,7	7,7			
	Turning circle (wall to wall)			16700	18100	18900			
M	Front track			1981	1981	1981			
N	Rear track			1827	1827	1827			
P	Ground clearance (front)			380	380	380			
	Ground clearance (rear)			316	316	316			
TYRES & WHEELS		Tyre code		Mission		Tyre dimensions		Wheel dimensions	
						Front		Rear	
Standard		20079		C		13R22,5		13R22,5	
Option		20188		C		12.00R20		12.00R20	
Option		20795		D		315/80R22,5		315/80R22,5	
Tyre mission code: B = regional; C = all use; D = mix/off road									

NOTE: Weights are to standard specification and include water, oils, tool box, jack and 75 kg. driver. Kerb weights are subject to a manufacturing tolerance of +/- 5%. Sleeper cab adds +110 kg. (95 on front, 15 kg. on rear). Medium Roof on Sleeper Cab adds +230 kg. and H=625 mm. Automated gearbox reduces -45 kg.

IVECO TRAKKER

AD / AT 190T38 WH

ENGINE

Iveco Cursor 13 F3BEE681G*B	
Turbocharger	Waste-Gate valve
Cylinders in line	6
Bore (mm)	135
Stroke (mm)	150
Capacity (litres)	12,88
Max power (HP/kW)	380/279
@ rpm	1500-1900
Max torque (Nm/mKg)	1800/183
@ rpm	900-1400
E.E.C. emissions regulation	Euro 3 (Euro 2 option)
R.Q.V.	All speeds
Cooling fan	2 speed electro-magnetic
Fuel system	Unit pump injector
Speed limiter	90kmh
Cruise control	Standard
Air admission / Filter type	Rear cab snorkel / dry - Horizontal

GEARBOXES

Ratios	EUROTRONIC 16AS2630 TO		MECHANICAL 16S2220 TO	
	1st	14,12		13,80
2nd	11,68		11,54	
3rd	9,54		9,49	
4th	7,89		7,93	
5th	6,52		6,53	
6th	5,39		5,46	
7th	4,57		4,57	
8th	3,78		3,82	
9th	3,09		3,02	
10th	2,56		2,53	
11th	2,09		2,08	
12th	1,73		1,74	
13th	1,43		1,43	
14th	1,18		1,20	
15th	1,00		1,00	
16th	0,83		0,84	
Rev	13,07	10,8	12,92	10,8

PERFORMANCE

	(with standard tyres)				
Type: ZF 16 AS 2630 TO					
Axle ratios available	5,01	4,67	5,56	6,09	6,57
Geared speed (km/h)	94	101	85	77	72
Gradeability % @ 19 t G.V.W.	100	100	100	100	100
Gradeability % @ 44 t G.C.W.	47	43	53	60	66
Type: ZF 16 S 2220 TO					
Axle ratios available	4,67	4,23	5,01	5,56	6,09
Geared speed (km/h)	100	110	93	84	76
Gradeability % @ 19 t G.V.W.	100	100	100	100	100
Gradeability % @ 44 t G.C.W.	43	38	47	53	60

CLUTCH

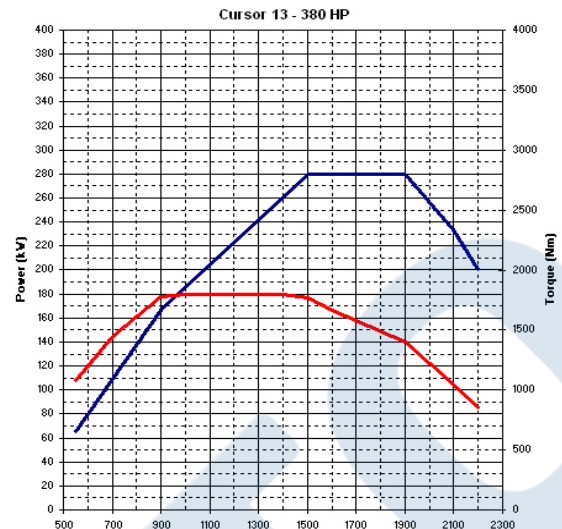
Type	Single plate, diaphragm spring, pull type.
Diameter (mm)	(17") 430 mm

TRANSFER BOX

Ratio	TC 2200, Gb independent, carter in aluminium,
Inter axle split	On road: 1/1 – Off Road: 1/1,6. Front 30% - Rear 70%

BRAKES

Type	2 independent pneumatic circuits
Service	A.B.S. + E.B.L. on rear
Front axle	Duo-duplex drums. Dia.:410x180mm Friction area: 2884 cm2
Rear axle	Duo-duplex drums. Dia.:410x200mm Friction area: 3220 cm2
Parking	Mechanical with spring cylinder, rear.
Emergency	Combined with parking brake.
Air reservoirs	4 x 20 litres, steel
Engine – Iveco Turbo Brake	Decompression. Power: 295kW @ 2400 rpm
Air compressor	352cc – single cylinder
Heated air dryer	Air Processing Unit
Trailer connections as option	7+7 pin plug as alternative 15 pin



ELECTRICS

Tension	24v negative earth return
Alternator	28v, 90A
Starter	24v, 5.5kW
Batteries	2 x 12v, 170Ah
Circuits protected	By fuse
System	Multiplex - CAN line data bus

SUSPENSIONS

Front	Parabolic leaf
Rear	Semielliptic leaf
Anti roll bar	Front and rear
Shock absorbers	2 on front

STEERING

Type ZF 8098	Power assisted
Steering wheel diameter	510 mm

AXLES

Steering and drive with single wheels	Iveco 5985/2D. Banjo.
Drive with twin wheels	Iveco 451391/2D. Hub reduction.
Differential lock	Cross and inter axle.
Rear axle ratio	See Performances.

FUEL TANK

Type and capacity	300lt., steel with lockable fuel cap.
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CAB INTERIOR

Active Time

Interior incorporating, air suspended 3-way adjustable driver's seat, inertia reel belt. Passenger seat 2 way adjustable with inertia reel belt. Soft feel dashboard with multi-functional steering wheel incorporating touch button menu controls for the real time digital dash display. Dual scale speedometer. All gauge functions monitored using international symbols. Heater. Left and right hand entry assist handles. Pneumatic adjustable steering column, 2 column mounted control stalks, left stalk operating the indicators, main beam, windscreen wash wipe, (if provided) right stalk operating Eurotronic 2 gear change, engine brake, cruise control and variable speed limiter. If provided, left of the steering column is the dash mounted Eurotronic gearbox controls for automatic and semi-automatic modes, neutral, reverse and low speed manoeuvring mode (forward and reverse). Overhead console for CB radio. Courtesy and map reading lights. Electronic PTO switch and in cab preparation. Fabric trim cab interior. Single low level bunk with under bunk storage, bottle holder & storage and control panel.

Active Day

As above without bunk & under storage, with rear bulk head storage & writing pad.

CAB EXTERIOR

Active Time

Forward control cab. Galvanised pressed steel construction, with SMC for vulnerable parts. Helical spring suspension and dampers. Hydraulic cab tilt to 60 deg. Tinted electric door windows and tinted laminated screen. Manual rear-view mirrors plus kerb and wideangle mirrors, according to 2003/97/EC. Blind rear cab panel. External stowage for tools. Steel front bumper.

Active Day

As above without external stowage.

CHASSIS

Type	Ladder construction. Pressed steel side members and riveted and bolted cross members.
Side member length (mm)	304,4
Flange width (mm)	80

NOTE: The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specification at any time.