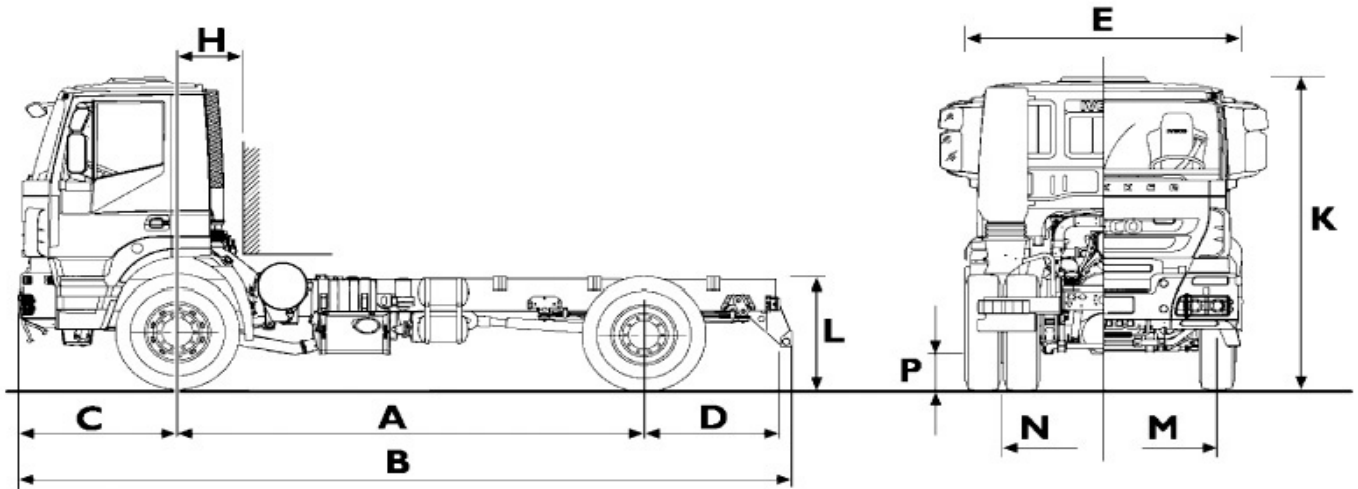


### AD-N / AT-N 190T38 H

### Rigid 4x2



WEIGHTS (kg.)		G.V.W.	G.T.W.	Front axle	Rear axle
Design weights (std.)		19000	44000	8000	13000
Design weights (opt.)		19000	55000*	8500	13000
* Irregular towing operations (max. gradient 7%)					

KERBWEIGHTS (kg.) cab / wb.		short	3800	4200	4500	4800	5100
Front axle			4620	4630	4640	4635	4630
Rear axle			2060	2080	2210	2265	2300
Total			6680	6710	6850	6900	6930
PAYLOAD (kg.) @ G.V.W.			12320	12290	12150	12100	12070

DIMENSIONS (mm)			3800	4200	4500	4800	5100
A	Wheelbase		3800	4200	4500	4800	5100
B	Overall length (over bumpers)		6602	7007	7862	8762	9077
C	Front overhang		1440	1440	1440	1440	1440
D	Rear overhang		1495	1495	1495	2080	2080
E	Cab width		2550	2550	2550	2550	2550
G	Back of cab to end of frame	short	5794	6109	6379	7369	7639
		long	5354	5669	5939	6929	7199
H	Cab gap	short	445 (760)	445 (760)	445 (760)	445 (760)	445 (760)
	(with vertical exhaust muffler)	long	900 (1210)	900 (1210)	900 (1210)	900 (1210)	900 (1210)
K	Cab height (unladen)		3106	3106	3106	3106	3106
L	Frame height at rear frame end		1229	1227	1235	1242	1240
	Frame thickness		7,7	7,7	7,7	7,7	7,7
	Turning circle (wall to wall)		14750	15750	16400	17500	18000
M	Front track		2040	2040	2040	2040	2040
N	Rear track		1827	1827	1827	1827	1827
P	Ground clearance (front)		337	337	337	337	337
	Ground clearance (rear)		316	316	316	316	316

TYRES & WHEELS		Tyre code	Mission	Tyre dimensions		Wheel dimensions	
* with drum brakes only				Front	Rear	Front	Rear
Standard		20079	C	13R22,5	13R22,5	22.5x9.00	22.5x9.00
Option *		20188	C	12.00R20	12.00R20	20x8.50	20x8.50
Option *		20795	D	315/80R22,5	315/80R22,5	22.5x9.00	22.5x9.00

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

February 2009

## AD-N / AT-N 190T38 H

### ENGINE

Turbocharger	Iveco Cursor 13 F3BEE681G*B
Cylinders in line	Waste-Gate valve
Bore (mm)	6
Stroke (mm)	135
Capacity (litres)	150
Max power (HP/kW)	12,88
@ rpm	380/280
Max torque (Nm/mKg)	1440-1900
@ rpm	1800/183
E.E.C. emissions regulation	1000-1515
R.Q.V.	Euro 3 (Euro 2 option)
Cooling fan	All speeds
Fuel system	2 speed electro-magnetic
Speed limiter	Unit pump injector
Cruise control	90kmh
Air admission / Filter type	Standard
	Rear cab snorkel / dry - Horizontal

### GEARBOXES

	MECHANICAL	
Ratios	16S2220 TO	
1st	13,80	
2nd	11,54	
3rd	9,49	
4th	7,93	
5th	6,53	
6th	5,46	
7th	4,57	
8th	3,82	
9th	3,02	
10th	2,53	
11th	2,08	
12th	1,74	
13th	1,43	
14th	1,20	
15th	1,00	
16th	0,84	
Rev	12,92	10,8

### PERFORMANCE

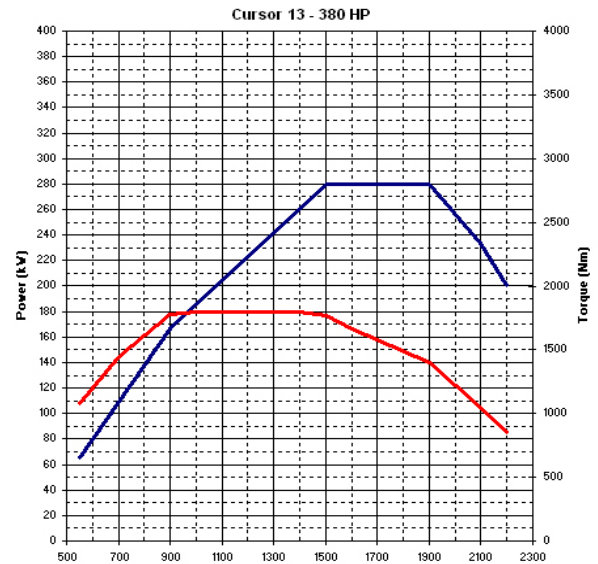
	(with standard tyres)				
Type: ZF 16 S 2220 TO					
Axle ratios available	<b>4,23</b>	3,79	4,67	5,01	5,56
Geared speed (km/h)	<b>109</b>	122	99	92	83
Gradeability % @ 19 t G.V.W.	<b>100</b>	100	100	100	100
Gradeability % @ 44 t G.T.W.	<b>47</b>	41	53	59	68

### CLUTCH

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

### BRAKES

Type	2 independent pneumatic circuits
Service	A.B.S. + E.B.L. on rear
Front axle (disc option)	Ventilated discs. 432 mm Friction area: 784 cm <sup>2</sup>
Front axle (drum option)	Duo-duplex drums. Dia.:410x180mm Friction area: 2884 cm <sup>2</sup>
Rear axle	Duo-duplex drums. Dia.:410x200mm Friction area: 3220 cm <sup>2</sup>
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 & rear
Shock absorbers	2 on front

### STEERING

Type ZF 8098	Power assisted
Steering wheel diameter	510 mm

### AXLES

Steering with single wheels	Iveco 5886. Rigid.
Drive with twin wheels	Iveco 451391/2D. Hub reduction.
Differential lock	Cross 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