

IVECO

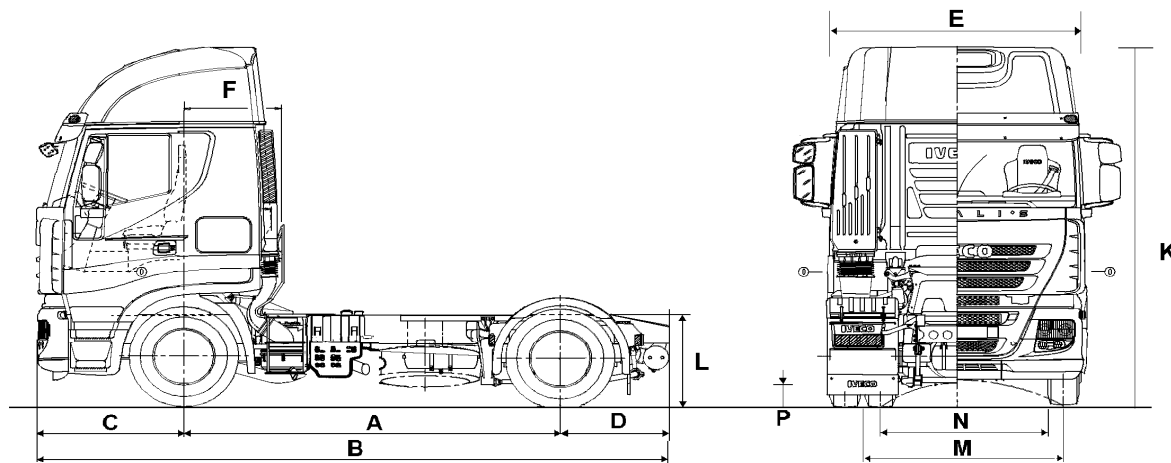
S T R A L I S

ACTIVEspace

October 2009

AS 440S48 T/P

Tractor 4x2



PLATED / DESIGN WEIGHTS (kg.)		G.V.W.	G.C.W.	1st axle	2nd axle
Plated weights		18000	40000	7100	12600
Design weights		19000	44000	7100	12600
KERBWEIGHTS (kg.) cab / wb.		3650	3800		
Front axle		4880	4890		
Second axle		1860	1870		
Total		6740	6760		
PAYLOAD (kg.) @ Plated G.C.W.		33260	33240		
DIMENSIONS (mm)					
A	Wheelbase	3650	3800		
B	Overall length (over bumpers)	6070	6250		
C	Front overhang	1410	1410		
D	Rear overhang	1048	1048		
E	Cab width	2550	2550		
F	Front axle to end of cab	940	940		
G	Back of cab to end of frame	3758	3908		
I	Fifth wheel position	520	540		
K	Cab height (unladen)	3783	3783		
L	Frame height at rear axle	982	982		
	Frame thickness	6,7	6,7		
	Turning circle (wall to wall)	14230	14730		
M	Front track	2049	2049		
N	Rear track	1818	1818		
P	Ground clearance (front)	217	217		
	Ground clearance (rear)	214	214		
TYRES & WHEELS		Mission			
Tyre code		Tyre dimensions		Wheel dimensions	
		Front	Rear	Front	Rear
Standard	20498	295/80 R 22,5	295/80 R 22,5	22.5x8.25	22.5x8.25
Option	20030	315/80 R 22,5	315/80 R 22,5	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%. A low roof reduces weight on 50kgs and height on 480mm. Automated gearbox reduces -45 kg.

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ENGINE

Turbocharger	Iveco Cursor 13 F3BEE681E*B
Cylinders in line	Variable Geometry Turbine
Bore (mm)	6
Stroke (mm)	135
Capacity (litres)	150
Max power (HP/kW)	12,88
@ rpm	480/354
Max torque (Nm/mKg)	1540-1900
@ rpm	2200/224
E.E.C. emissions regulation	1000-1540
R.Q.V.	Euro 3
Cooling fan	All speed
Fuel system	Electro-magnetic
Speed limiter	Unit injector system
Cruise control	90km/h
Air admission / Filter type	Driver programmable
	Rear cab snorkel / dry - Horizontal

GEARBOXES

	EUROTRONIC		MECHANICAL	
	12AS2330 TD		16S2220 TD	
Ratios				
1st	15,86		16,41	
2nd	12,33		13,80	
3rd	9,57		11,28	
4th	7,44		9,49	
5th	5,87		7,76	
6th	4,57		6,53	
7th	3,47		5,43	
8th	2,70		4,57	
9th	2,10		3,59	
10th	1,63		3,02	
11th	1,29		2,47	
12th	1,00		2,08	
13th			1,70	
14th			1,43	
15th			1,19	
16th			1,00	
Rev	14,6	11,4	15,3	12,9

PERFORMANCE

(with standard tyres)

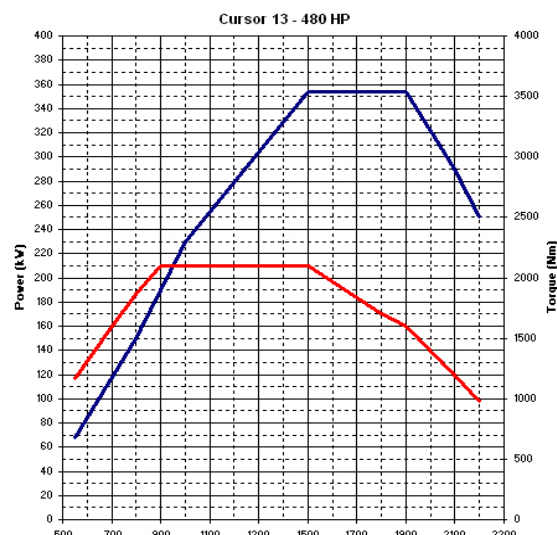
Type: ZF 12 AS 2330 TD				
Axle ratios available	2,85	2,64	3,08	3,36
Geared speed (km/h)	128	138	118	108
Gradeability % @ 18 t G.V.W.	100	100	100	100
Gradeability % @ 40 t G.C.W.	44	40	48	53
Type: ZF 16 S 2220 TD				
Axle ratios available	2,85	2,64	3,08	3,36
Geared speed (km/h)	136	147	126	115
Gradeability % @ 18 t G.V.W.	100	100	100	100
Gradeability % @ 40 t G.C.W.	45	42	50	56

CLUTCH

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

BRAKES

Type	2 independent pneumatic circuits
Service	E.B.S.
Front axle	Ventilated discs. 432 mm
	Friction area: 784 cm ²
Rear axles	Ventilated discs. 432 mm
	Friction area: 784 cm ²
Parking	Mechanical with spring cylinder, drive axle.
Emergency	Combined with parking brake.
Air reservoirs	2 x 20 litres + 1 x 30 litres, steel
Engine – Iveco Turbo Brake	Decompression.
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	Pneumatic, 4 air bellows (ECAS)
Anti roll bar	Front and rear axle
Shock absorbers	2 on front, 2 on rear

STEERING

Type	ZF 8098. Power assisted
Steering wheel diameter	470 mm

AXLES

Steering with single wheels	Iveco 5876. Rigid.
Drive with twin wheels	MS13-175/X Hypoid.
Differential lock	Cross axle.
Rear axle ratio	See Performances.

FUEL TANK

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

Active Space

Heated air suspended 3-way adjustable driver's seat with pneumatic adjustable lumbar support, and inertia reel belt. Soft feel dashboard and multi-functional steering wheel incorporating touch button menu controls for the real time digital display. Heater with 4-speed fan for airflow up to 600m³/hr, 12kW output. Slide out cool box. Adjustable steering column, 2 column mounted control stalks, left stalk operating the indicators, main beam, windscreen wash wipe, right stalk operating Eurotronic gear change (if provided), engine brake, cruise control and variable speed limiter. Left of the steering column is the console mounted gearbox controls for semi-automatic modes, neutral, reverse and low speed manoeuvring mode, if provided. Overhead console for CB radio. Digital tachograph. Two centrally mounted spot lamps, side courtesy / night time driving lights, one map reading light. Electrically operated roof vent. Standard three piece lower bunk incorporating a seating area, comfort seat, inertia reel belt, fold away central table. Electric operated windscreen blind. Curtains to enclose the entire cab area.

CAB EXTERIOR

Active Space

Forward control sleeper cab. Galvanised pressed steel construction with SMC for vulnerable parts. New design 4 bellow air suspension and dampers. Electrical Hydraulic cab tilt to 60° deg. Tinted electric door windows and tinted heated laminated screen. External sun visor. Heated rear-view mirrors, plus kerb, wide-angle mirrors and front view mirror according to 2003/97/EC. Remote controlled central locking. Colour coded bumper. Left (std) and right (as option) hand external under cab stowage. Left and right hand upper external stowage for tools.

CHASSIS

Type	Ladder construction. Pressed steel side members and riveted and bolted cross members.
Side member length (mm)	302,4
Flange width (mm)	80