

IVECO

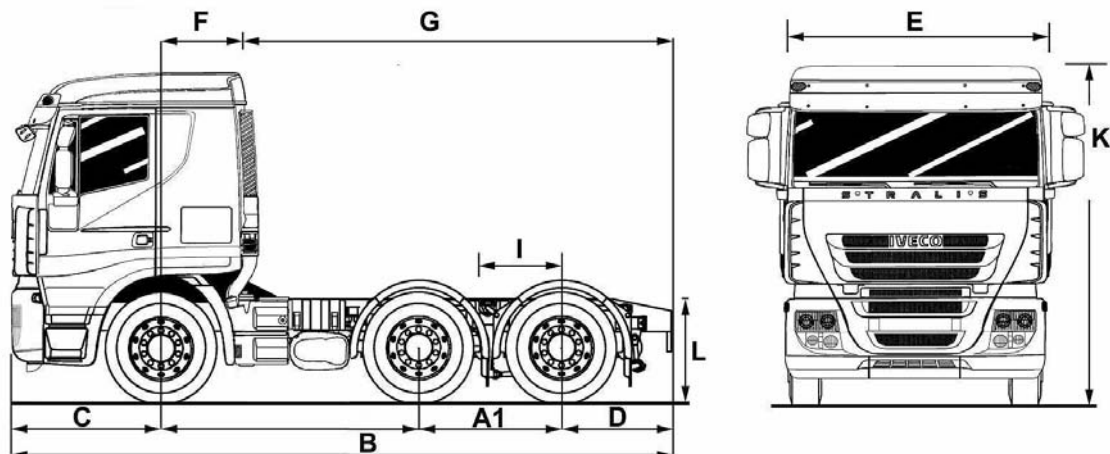
E5

STRALIS

ACTIVE SPACE³

AS440S50TZ/P-HM

6x4 Tractor



PLATED/DESIGN WEIGHTS (kg)		GVW	GTW	Front Axle	Rear Bogie		
Plated weights		26000	44000	8000	19000		
In use Authorised Weight Restrictions (AWR)		26000	44000	8000	19000		
Design weights		26000	60000	8000	21000		
Maximum STGO weights (Available with the appropriate axle ratio, suspension/tyre equipment)		30000	80000	8500	24000		
KERBWEIGHTS (kg) – WHEELBASE		2800	3200				
Front		5245	5280				
Rear		2860	2915				
Total		8105	8195				
TRAILER/ PAYLOAD @ 44000 (kg) GTW		35895	35805				
DIMENSIONS (mm)							
A	Wheelbase	2800	3200				
A1	Rear bogie spread	1395	1395				
B	Overall length (over bumpers)	6404	6804				
C	Front overhang	1410	1410				
D	Rear overhang	778	778				
E	Cab width (over front bumper)	2550	2550				
F	C/line f/axle to back of cab equip	940	940				
G	Back of cab to end of frame	4033	4433				
I	Fifth wheel position						
		Maximum	1110	1162			
		Minimum	697	697			
K	Cab height (unladen r.o.f.)	3340	3340				
L	Frame height	1040	1040				
	Frame thickness	7.7	7.7				
	Turning circle (wall to wall)	14980	15980				
TYRES & WHEELS		Tyre Size		Tread		Wheels	
		Front	Rear	Front	Rear	Front	Rear
Standard		315/80R22.5	315/80R22.5	On Road	Traction	22.5x9.00	22.5x9.00
Optional		385/65R22.5	315/80R22.5	On Road	Traction	22.5x11.75	22.5x9.00
Optional		385/55R22.5	315/0R22.5	On Road	Traction	22.5x11.75	22.5x9.00

NOTES
 Weights are to standard specification and include water, oils, 5 litres of AdBlue and 20 litres of fuel but excludes driver. Kerb weights are subject to a manufacturing tolerance of +/-5%.
 February 2008



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ENGINE	Iveco Cursor 13	FUEL TANK	
Cylinders	6	Type	400 litres, aluminium Locking fuel cap
Bore (mm)	135	AdBlue Tank	
Stroke (mm)	150	Type	50 litres, plastic, heated
Capacity (litres)	12.88	ELECTRICS	
Power (PS/kW)	500/367,6	Type	24v negative earth return
@ rpm	1525 to 1900	Alternator	28v, 90A
Torque (Nm/lbft)	2300/1696	Starter	24v, 5.5kW
@ rpm	1000 to 1525	Battery	2 x 12v, 220Ah
Green Zone @ rpm	1000 to 1400	Isolation switch	Electronic controlled All circuits protected by fuses Multiplex 4 CAN line data bus system
Rating	Euro 5	SUSPENSION	
Cooling Fan	3 speed electro- magnetic	Front	Parabolic leaf
Fuel System	Unit Injector System	Rear	Pneumatic (ECAS)
Turbocharger	Variable geometry	Anti-roll bar	Front and rear
Exhaust	SCR catalyst system	Shock Absorbers	Front and rear
Speed Limiter	Standard 90 Kilometer/hr @ 1554 rpm	STEERING	
Engine Immobiliser	Standard	Type	Power assisted
GEARBOXES	Eurotronic AS2330 TD	Ratio	22.2:1 - 26.2:1
1 st	15.86	AXLES	
2 nd	12.33	Front and second steer	Iveco 5876 I-beam with oil filled hubs
3 rd	9.57	Rear bogie	Meritor MT 23-155 single reduction
4 th	7.44	Diff Lock	Standard
5 th	5.87	Standard Ratios	Eurotronic AS2330TD gearbox 3.40:1
6 th	4.57	CAB INTERIOR	
7 th	3.47	Active Space Cab: Interior incorporating. 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. Satin silver finish instrument dial surrounds, dash and central console inlays. Dual scale speedometer. All gauge functions monitored using international symbols. Heater with 4-speed fan for airflow up to 600m ³ /hr, 12kW output. Air conditioning. Eberspacher night heater. Slide out fridge. Left and right hand entry assist handles. Adjustable steering column, 2 column mounted control stalks, left stalk operating the indicators, main beam, windscreen wash wipe, right stalk operating Eurotronic 2 gear change, engine brake, cruise control and variable speed limiter. Left of the steering column is the console 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. Automatic electronic 2-man tachograph. Remote control radio/CD, aerial and speakers. Two corner spot lamps illuminating cab access. Two centrally mounted spot lamps, side courtesy / night time driving lights, one map reading light. Cellular phone preparation. Vehicle data interface (FMS). Electrically operated roof vent. Standard three piece lower bunk incorporating a seating area, comfort seat, inertia reel belt, fold away central table, illuminated by two spot lamps. Flat floor-covering the living area of the cab. Lower bunk control panel incorporating switches for roof vent and interior lights, 12V socket and alarm clock. Electric operated windscreen blind. Door roller blinds. Curtains to enclose the entire cab area.	
8 th	2.70	CAB EXTERIOR	
9 th	2.10	Active Space Cab: forward control sleeper. 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 laminated screen. Air horns. External sun visor. Heated and electrically controlled rear-view mirrors, plus kerb, wide-angle mirrors and front view mirror. Remote controlled central locking. Colour coded bumper. Additional head and fog lights. Head lamp jet wash Left and right hand external under cab stowage. Left and right hand upper external stowage for tools, warning triangle, and first aid kit.	
10 th	1.63		
11 th	1.29		
12 th	1.00		
Rev 1	14.68		
Rev 2	11.41		
PERFORMANCE			
- with Eurotronic AS2330 TD gearbox and standard tyres			
Axle ratios available	3.09	3.40	3.78
Geared speed (mph)	83	76	68
Gradeability	40+	40+	40+
(% @ 44000kg GTW)			
CLUTCH			
Type	Single plate, diaphragm spring, pull type. Asbestos free		
Diameter / Friction area	432 mm / 994 cm ²		
BRAKES			
Type	Electronic brake limitation (EBL)		
Front	436mm ventilated disc		
Rear	436mm ventilated disc		
Park	Actuates spring brake chambers on front axle and drive axles		
Iveco turbo brake (de-compression engine brake)	Standard		
Heated air drier	Standard		
Air reservoirs	Aluminium		
ABS	Standard		
ASR Traction Control	Optional		
CHASSIS			
Type	Ladder construction with pressed steel side members and riveted and bolted cross members. Catwalk and step, trailer air and electrical connections, 5 th wheel mounting plates, trailer coupling lamp.		