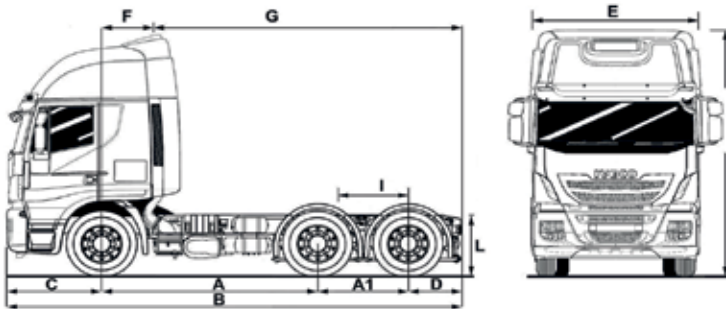


STRALIS HI-WAY

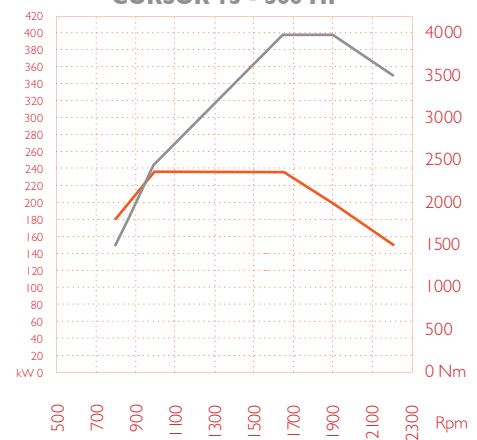
EURO V AS750S50TZ/P-HM TRACTOR 6X4



DIMENSIONS (mm)

A	Wheelbase	3200
AI	Rear bogie spread	1395
B	Overall length over bumpers	6804
C	Front overhang	1410
D	Rear overhang	778
E	Cab width (over front bumper)	2550
F	C/line f/axle to back of cab equip	940
G	Back of cab to end of frame	4433
I	Fifth wheel position (max)	1210
K	Cab height (unladen)	3822
L	Frame height (unladen)	1040
	Frame width (r.o.f.)	771.4
	Frame depth	304.4
	Tapered depth (r.o.f.)	195.4
	Frame C section width	80
	Frame thickness	7.7
	Front ground clearance (bumper) minimum	245
	Rear ground clearance (drive axle) minimum	245
	Turning circle (wall to wall)	15980

CURSOR 13 - 500 HP



ENGINE

Type	IVECO Cursor 13 - 4 stroke intercooled turbodiesel over head camshaft, 4 valves per cylinder, direct unit injection, variable geometry turbo
Cylinders in line	6 in line
Bore (mm)	135
Stroke (mm)	150
Capacity (litres)	12,88
Max power (HP/kW)	500/367,6 @ 1525-1900 rpm
Max torque (Nm/lbft)	2300/1696 @ 1000-1525 rpm
Green Zone @rpm	1000 - 1400
Rating	Euro 5
Cooling fan	3 speed electro-magnetic
Fuel system	Unit injector system
Fuel filter	Heated head
Air filter	Dry with cab mounted intake
Compressor	630 cc
Exhaust	Stainless steel SCR catalyst
IVECO turbo brake	415HP/305kW @ 2400 rpm
Speed limiter	Standard 90 km/hr @ 1554 rpm
Engine immobiliser	Standard

PLATED WEIGHTS (Kg)

DESIGN WEIGHTS (Kg)

GVM	25700	GVM	26000
GCM	56000	GCM	85000
Front axle	7700	Front axle	8000
2nd axle	9000	2nd axle	10500
3rd axle	9000	3rd axle	10500

KERB WEIGHTS (Kg)

Front	5565
Rear	2970
Total	8535

IVECO

STRALIS HI-WAY EURO V AS750S50TZ/P-HM TRACTOR 6X4

GEARBOX

Type	Eurotronic 12AS2330TD					
1st	15.86	2nd	12.33	3rd	9.57	
4th	7.44	5th	5.87	6th	4.57	
7th	3.47	8th	2.70	9th	2.10	
10th	1.63	11th	1.29	12th	1.00	
Rev 1	14.6	Rev2	11.4			

PERFORMANCE

Type	Eurotronic 12AS2330 TD Gearbox		
		Std	
Axle ratios available	3.09	3.40	3.78
Geared speed (km/h)	83	76	68
Gradeability % @ 44t GVM	40+	40+	40+

CLUTCH

Type	Single plate, diaphragm spring, pull type. Asbestos free
Diameter (mm)	430mm Friction area 994cm ²

BRAKES

Type	Electronic braking system (EBS + BAS)
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
Heated air dryer	Standard
Air reservoirs	Aluminium
ABS	Standard
ASR Traction control	Standard
Hill holder	Standard

STEERING

Type	ZF 8098. Power assisted
Ratio	22.2:1 - 26.2:1

TYRES AND WHEELS

Tyre size (front)	385/65 R22.5
Tyre size (rear)	315/80 R22.5
Tread (front)	On road
Tread (rear)	Traction
Wheel dimensions (front)	22.5 x 11.75
Wheel dimensions (rear)	22.5 x 9.00

FUEL TANK

Type and capacity	600 lt, aluminium with lockable fuel cap
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ADBLUE TANK

Type	55 litres, plastic, heated, locking cap
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ELECTRONICS

Type	24v negative earth return
Alternator	28v, 90A
Starter	24v, 5.5kW
Battery	2 x 12v, 220 Ah
Isolation switch	Electronic controlled, all circuits protected by fuses.
System	Multiplex - 4 CAN line data bus

SUSPENSIONS

Front axle	Parabolic, 2 springs (8000kg) front
Drive axles	Pneumatic ECAS (remote control in the cab)
Type	(2x4) pneumatic air bags on drive axle (2 x 12000kg)
Raise/lower	(+140/-65 mm) height chassis

AXLES

Steering with single wheels	IVECO 5876. I-beam with oil filled hubs, off-set 197.5mm
First and second drive	Meritor MT23-155 single reduction
Differential locks	Standard cross and inter axle
Standard ratio	AS 2330 TD gearbox 3.40:1

CHASSIS

Ladder construction with rolled steel side members and riveted and bolted cross members. Catwalk and step, C-section chassis rails. Dimensions: 304x80x7.7mm. Trailer air (C couplings) EBS and 15 pin electrical connections; 5th wheel mounting plates. Trailer coupling lamp.

CAB EQUIPMENT

Hi-Way Cab interior incorporating:

Heated air suspended 9-way adjustable driver's seat, trimmed in fabric with a microfibre centre section, incorporating pneumatically adjustable lumbar support, and inertia reel belt, seatbelt warning. Soft feel dashboard and multi-functional steering wheel incorporating touch button menu controls for the real time digital display, Dual scale speedometer. All gauge functions monitored using international symbols. Speed manoeuvring mode (forward and reverse). Remote control Radio/CD is positioned in the wrap round console with prepositioned door speakers and roof aerial. Below are the central heater ventilation, Pneumatically adjustable steering column steering column, 2 column mounted control stalks, left stalk operating the indicators, main beam, windscreen wash wipe, right stalk operating Eurotronic gear change, engine brake, cruise control and variable speed limiter. Adjacent of the is the instrument panel is the dash mounted Eurotronic gearbox controls for automatic and semi-automatic, neutral, reverse and low slide out card draw and cup holder. Park brake with door open, brake off audible storage draw and 12v output. Heater with 4-speed fan for airflow up to 600m³/hr. Air conditioning. Passenger side diagnostic panel positioned underneath the glove box containing the following; 24v plug, 30 pole diagnostic plug, OBD plug, Air supply, and ECO mode key switch (optional). Three section over head console, netted passenger and centre storage, driver section with four DIN sockets one containing the automatic electronic 2-man tachograph. FMS connections. Two centrally mounted spot lamps, side courtesy / night time driving lights, one map reading light. Stain silver effect driver / passenger door vent surrounds, door panel trim and HI - WAY glove box detail. Cab floor step plates. Left and right hand entry assist handles. Two interior downward facing corner spot lamps and door puddle lamps illuminating cab access. Three illuminated overhead lockers with the outer two lockers are lockable. Electrically operated glass roof vent. Flat floor-covering the complete living area of the cab. Three piece lower bunk (trimmed in micro fibre material) incorporating seating area, comfort seat, inertia reel belt, fold away central table. Vertically stowed upper bunk with a dampened deployment and stowage system, illuminated by two spot lamps. Bunk control panel includes menu buttons for controlling the following functions; powered windows, roof vent, interior lights, cab heater, alarm clock and electric operated windscreen blind. 12V socket. Curtains to enclose the cab side windows.

CAB EXTERIOR

Hi-Way Cab exterior incorporating:

Forward control sleeper cab with full air management kit. Galvanised pressed steel construction IMP for vulnerable parts (complies to "ECE" R29 crash test). 4 bellow air suspension and dampers. Electrical hydraulic cab tilt to 60 deg. LED upper marker lights. Tinted electric door windows and tinted 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. Cab colour coded bumper. Bumper skirts, steps, mud guard and cab side trim coloured in Black (IC 575). Additional head and fog lights. Left and right hand under cab stowage. Left and right hand upper cab stowage, electronically released from inside the cab, useful for storage of tools etc.

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