

STRALIS X-WAY PRIME MOVER SPECIFICATIONS



IVECO

Your partner for sustainable transport

STRALIS SPECIFICATIONS X-WAY PRIME MOVER

CHASSIS DIMENSIONS (mm)

		6x4 AD C11 460 hp	6x4 AT C11 460 hp	6x4 AS C13 510 hp	6x4 AS C13 550 hp B-Double
A	Wheelbase	3900	3900	3900/4200	3900
B	Overall length	6819	6819	6819/7119	6819
H	Front ground clearance	231	231	231	231
G	Rear ground clearance	237	237	237	237
K	AF	778	778	778	778
	Turning circle* (kerb to kerb)	15720	15720	15720/15750	15720

*For wall to wall add 1600 mm

CAB DIMENSIONS (mm)

		Low roof	Low roof	High roof	High roof
F	Unladen (6x4)	2990	2990	3795	3795
	High roof with spoiler	NA	NA	4238	4238

SUSPENSION (mm)

	IVECO 8 Bag	6x4 AD	6x4 AT	6x4 AS	6x4 AS
C		697.5	697.5	697.5	697.5
D		697.5	697.5	697.5	697.5
E	Unladen	1028	1028	1037	1037

MASS RATINGS

	6x4 AD	6x4 AT	6x4 AS	6x4 AS
GVM	25.0 tonnes	25.0 tonnes	25.0 tonnes	25.0 tonnes
GCM*	60 tonnes	60 tonnes	60 tonnes	70 tonnes

*Weights are to standard configuration and include: chassis cab or prime mover, with no driver or fuel.

TARE RATINGS

	6x4 AD	6x4 AT	6x4 AS	6x4 AS
Chassis mass front	4.7 tonnes*	4.7 tonnes*	5.1 tonnes*	5.3 tonnes*
Chassis mass rear	3.3 tonnes*	3.4 tonnes*	3.3 tonnes*	3.2 tonnes*
Chassis mass total	8.0 tonnes*	8.1 tonnes*	8.4 tonnes*	8.5 tonnes*

*Weights are to standard configuration and include: chassis cab or prime mover, with no driver or fuel.

ENGINE

460 hp FPT Industrial Cursor 11 (EURO 6 StepC)
510 hp FPT Industrial Cursor 13 (EURO 6 StepC)
550 hp FPT Industrial Cursor 13 (EURO 6 StepC)

Maximum Power:

338 kW (460 hp) @ 1900 rpm
375 kW (510 hp) @ 1900 rpm
410 kW (550 hp) @ 1900 rpm

Maximum Torque:

2150 Nm @ 925 rpm
2300 Nm @ 900 rpm
2500 Nm @ 1000 rpm

Emissions Technology: Hi-SCR (No EGR)

Total Displacement: 11.1 litre (AD/AT 460 hp), 12.9 litre (AS 510 hp and 550 hp)

Exhaust: Horizontal catalytic muffler with integrated Hi-SCR catalyser

TRANSMISSION

12-speed IVECO DirectDrive Automated

16-speed IVECO Direct Drive Automated (C13 B-Double)

Type: HI-TRONIX I2TX2420 TD

Type: HI-TRONIX I6TX2640 TD (C13 B-Double)

- 2-pedal operation with electro-pneumatically shift control

Optional: Hydraulic Retarder (Standard for C13 B-Double)

FRONT AXLE & SUSPENSION

IVECO 5890/D

Type: Forged steel I-beam

Capacity: 9.0 tonnes

Suspension Type: 2 leaf parabolic suspension

Capacity: 8.0 tonnes

REAR AXLE & SUSPENSION

Meritor MT23-150/D tandem single reduction

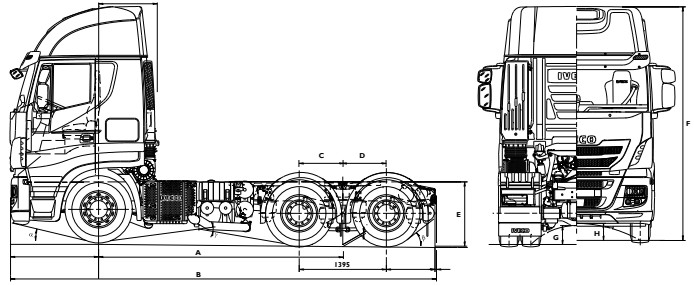
Capacity: 23.0 tonnes

Suspension Type: IVECO 8 bag with ECAS (Electronically Controlled Air Suspension) to control ride height

Differential: Driver controlled differential locks

REAR AXLE RATIO

	6x4 AD	6x4 AT	6x4 AS	6x4 AS
Standard/Default	3.09:1	3.09:1	2.83:1	3.09:1
Optional	2.83:1	2.83:1	3.09:1	



BRAKES

Type: EBS (Electronic Braking System), AEBS (Automatic Emergency Braking System), BAS (Brake Assistant System), ESP (Electronic Stability Program) ASR (Anti-Slip Regulation) and Hill Holder

Front / Diameter: Ventilated disc brakes / 432 mm

Rear / Diameter: Ventilated disc brakes / 432 mm

- 7 pin electrical trailer connection
- Steel air tanks

FUEL SYSTEM

460 litre rectangular aluminium tank (RHS) and 50 litre AdBlue tank (Cursor 11)

540 litre rectangular aluminium tank (RHS) and 50 litre AdBlue tank (Cursor 13)

1010 litre (RHS 630 litres; LHS 380 litres) and 80 litre AdBlue tank (Cursor 13 B-Double)

CHASSIS

Type: 304 x 80 x 7.7 mm medium tensile steel channel

- Plastic bumper and driving lights, LED rear lights
- FUPS
- Tapered end of frame with fifth wheel mounting angles

ELECTRICAL SYSTEM

Type: 24 Volt

Multiplex computerised CANBUS

Batteries: 2 x 170 Ah with automatic isolation switch (Cursor 11), 2 x 220 Ah with automatic isolation switch (Cursor 13)

Alternator: 28 Volt-90 A

Factory-installed telematics hardware including 12-month complimentary subscription

WHEELS & TYRES

Wheels: 8.25DC (drop centre) x 22.5 10-stud 335 mm PCD steel disc (Standard Durabright for C13 B-Double)

Front Tyres: 295/80 R22.5

Rear Tyres: 11 R22.5

CAB CONSTRUCTION

- 2300 mm wide, all steel cab (AD/AT cab)
- 2500 mm wide, all steel cab (AS cab)

SAFETY FEATURES

- Cruise control
- ACC (Adaptive Cruise Control)
- AEBS (Advanced Emergency Braking System)
- DRL (Daytime Running Lights)
- Extended Catwalk
- Reverse Buzzer
- Remote Central Locking
- Axle load indicator

CAB FEATURES

- Driver seat: fabric covered, with head rest, seat belt, air suspended, heated, and lumbar adjustment. (AD/AT cab)
- Leather driver and passenger high comfort seats (AS cab)
- Passenger seat: fabric covered with head rest, seat belt and 2-way adjustment. (AD/AT cab)
- Passenger heated and air suspended seat (AS cab)
- Adjustable Steering Column (Pneumatic control)
- 24 V and 12 V sockets
- 90° opening doors with electronically operated windows
- Radio/CD MP3 player with Bluetooth and steering wheel controls
- Storage lockers and compartments above console and floor level
- Electric battery cutout
- Expansion module and PTO provision
- Manual A/C system (STD with AD/AT cab)
- Auto A/C system (STD with AS cab)
- Cooler box (STD with AT cab)
- Fridge (STD with AS cab)
- Cabin air suspension (STD with AS cab)
- Servoassisted cabin tilting (STD with AS cab)

STRALIS X-WAY SERIES OPTIONAL PACKS

	6x4 Prime Mover 460Hp AD (Active Day) AD450X46TZ/P 3900 mm WB	6x4 Prime Mover 460Hp AT (Active Time) AT450X46TZ/P 3900 mm WB	6x4 Prime Mover 510Hp AS (Active Space) AS500X51TZ/P 3900 mm WB	6x4 Prime Mover 550Hp AS (Active Space) AS500X55TZ/P 3900 mm WB
Comfort Pack AD Day Cab				
Cabin air suspension	○	NA	NA	NA
Auto a/c system	○	NA	NA	NA
Fabric suspended heated passenger seat	○	NA	NA	NA
Comfort Pack AT Sleeper Cab				
Cabin air suspension	NA	○	NA	NA
Auto a/c system	NA	○	NA	NA
Fabric suspended heated passenger seat	NA	○	NA	NA
Fridge	NA	○	NA	NA
Safety Pack				
Xenon headlight + Headlamp washers	○	○	○	Standard
Tyre Pressure Monitoring System (TPMS)	○	○	○	Standard
Additional head/foglights	○	○	○	Standard

○ – Optional NA – Not Available



Xenon headlight + Headlamp washers



Auto a/c system



Stralis X-Way AT Prime Mover interior



Stralis X-Way AS Prime Mover interior



Stralis X-Way AT Prime Mover interior

STRALIS X-WAY SERIES OPTIONAL UPGRADES

	6x4 Prime Mover 460Hp AD (Active Day) AD450X46TZ/P 3900 mm WB	6x4 Prime Mover 460Hp AT (Active Time) AT450X46TZ/P 3900 mm WB	6x4 Prime Mover 510Hp AS (Active Space) AS500X51TZ/P 3900 mm WB	6x4 Prime Mover 550Hp AS (Active Space) AS500X55TZ/P 3900 mm WB
Basic Model Options				
Sleeper Cab Low Roof	Standard	Standard	○	○
Sleeper Cab High Roof	NA	○	Standard	Standard
Lane Departure Warning System (LDWS)	○	○	Standard	Standard
Servoassisted cabin tilting	NA	○	Standard	Standard
Chassis				
4200 mm WB	NA	NA	○	NA
Fuel Management				
Roof spoiler (Not available with AT High Roof)	○	○	NA	NA
Full aerodynamic kit	○	○	○	Standard with AS High Roof NA with AS Low Roof
No engine idle cut off	Standard	Standard	○	NA
Multimedia				
Iveconnect + Driver Style Evaluation (DSE) + Driver Attention Support (DAS)	○	○	○	Standard
Cab Interior				
Maxi fridge + coolbox	NA	NA	○	Standard with AS High Roof NA with AS Low Roof
Parking cooler (Indel B brand), (Not available with AT Low Roof)	NA	○	○	Standard
Two bunks soft with net protection (Not available with AS Low Roof)	NA	NA	○	Standard with AS High Roof NA with AS Low Roof
Cab Exterior				
Steel front bumper	○	○	NA	NA
Headlamp protection grid (Not available with plastic bumper)	○	○	NA	NA
Transmission				
Hydraulic retarder	○	○	○	Standard
Wheel/Tyre				
Polished alloy wheels	○	○	○	NA
Durabright finish alloy wheels	○	○	○	Standard
Spare wheel	○	○	○	NA
295/80 - 11 R22.5 tyres (Michelin X Multi Z - X Multi D)	○	○	○	NA
275/70 R22.5 tyres (Dunlop SP350-SP430)	○	○	○	NA
275/70 R22.5 tyres (Michelin X Multi Z - X Multi D)	○	○	○	NA

○ – Optional NA – Not Available



Stralis X-Way Sleeper Cab interior



Stralis X-Way Sleeper Cab interior



Stralis X-Way instrument panel



Parking cooler



Steel bumper



Durabright wheels