

# STRALIS Rigid



Overseas model shown.

# STRALIS SPECIFICATIONS X-WAY RIGID

## CHASSIS DIMENSIONS (mm)

		6x4 AT C9 310/360 hp	8x4 AD C11 460 hp	8x4 AT C11 460 hp	8x4 AS C13 510 hp
<b>A</b>	Wheelbase	5800	6300	5720/6520	5450/6300
<b>B</b>	Overall length	10556	10833	10248/11058	8763/9618
<b>H</b>	Front ground clearance	231	301	301/300	298
<b>G</b>	Rear ground clearance	237	237	237/238	237
	AF	2650	2432	2432	1218
	Turning circle* (kerb to kerb)	20420	20710	19210/21327	19920/22220

\*For wall to wall add 1600 mm. AD Cab (6x4 C9 and 8x4 C11) available only on specific applications.

## CAB DIMENSIONS (mm)

		Low roof	Low roof	Low roof	High roof
<b>F</b>	Unladen (6x4)	2990	3001	3001	3811

## SUSPENSION (mm)

	IVECO 8 Bag	6x4 AT	8x4 AD	8x4 AT	8x4 AS
<b>C</b>		697.5	697.5	697.5	697.5
<b>D</b>		697.5	697.5	697.5	697.5
<b>E</b>	Unladen	1028	1008	1009	1009

## MASS RATINGS

- GVM / GCM 25.0 tonnes / 40.0 tonnes (AT 6x4)
- GVM / GCM 30.0 tonnes / 45.0 tonnes (AD/AT/AS 8x4)

	6x4 AT	8x4 AD	8x4 AT	8x4 AS
Chassis mass front	4.6 tonnes*	6.4 tonnes*	6.4/6.5 tonnes*	6.9/6.8 tonnes*
Chassis mass rear	3.6 tonnes*	2.9 tonnes*	3.0/3.0 tonnes*	2.6/2.8 tonnes*
Chassis mass total	8.2 tonnes*	9.3 tonnes*	9.4/9.5 tonnes*	9.5/9.6 tonnes*

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

## ENGINE

310 hp FPT Industrial Cursor 9 (EURO 6 StepC)  
360 hp FPT Industrial Cursor 9 (EURO 6 StepC)  
460 hp FPT Industrial Cursor 11 (EURO 6 StepC)  
510 hp FPT Industrial Cursor 13 (EURO 6 StepC)

### Maximum Power:

228 kW (310 hp) @ 2200 rpm  
265 kW (360 hp) @ 2200 rpm  
338 kW (460 hp) @ 1900 rpm  
375 kW (510 hp) @ 1900 rpm

### Maximum Torque:

1300 Nm (310 hp) @ 1100 rpm  
1650 Nm (360 hp) @ 1200 rpm  
2150 Nm (460 hp) @ 925 rpm  
2300 Nm (510 hp) @ 900 rpm

**Emissions Technology:** Hi-SCR (No EGR)

**Total Displacement:** 8710 litre (AT 310/360 hp),  
11118 litre (AD/AT 460 hp), 12900 litre (AD/AT 460 hp)

**Exhaust:** Horizontal catalytic muffler with integrated Hi-SCR catalyser

## TRANSMISSION

12-speed IVECO DirectDrive Automated

**Type:** HI-TRONIX I2TX1810 TD (AT 310/360 hp)  
HI-TRONIX I2TX2420 TD (AD/AT 460 hp), (AS 510 hp)

- 2-pedal operation with electro-pneumatically shift control

**Optional:** Hydraulic Retarder

## FRONT AXLE & SUSPENSION

IVECO I x 5890/D (6x4), 2 x 5890/D (8x4)

**Type:** Forged steel I-beam

**Capacity:** 9.0 tonnes (6x4), 2 x 9.0 tonnes (8x4)

**Suspension Type:** 2 leaf parabolic suspension (6x4), Front load share suspension (8x4)

**Capacity:** 8.0 tonnes (6x4), 12.0 tonnes (8x4)

## 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 AT	8x4 AD	8x4 AT	8x4 AS
<b>Standard/Default</b>	3.09:1	3.09:1	3.09:1	2.83:1
<b>Optional</b>	2.83:1	2.83:1	2.83:1	3.09:1

## BRAKES

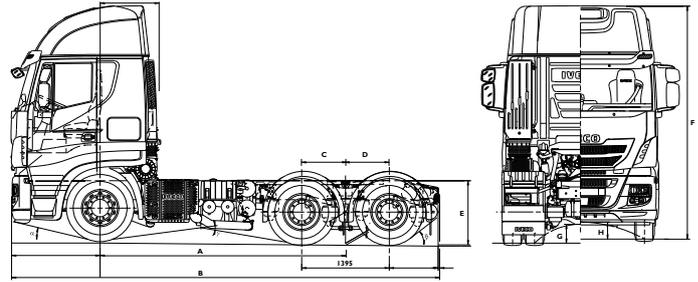
**Type:** EBS (Electronic Braking System), AEB (Automatic Emergency Braking System), BAS (Brake Assistant System), ESP (Electronic Stability Program) ASR (Anti-Slip Regulation) and Hill Holder

**Front / Diameter:** Ventilated disc brakes / 432 mm

**Rear / Diameter:** Ventilated disc brakes / 432 mm

- 7 pin electrical trailer connection

- Steel air tanks



## FUEL SYSTEM

480 litre rectangular aluminium tank (RHS) and 50 litre AdBlue tank  
290 litre for 8x4 AS (Short wheelbase 4750mm)

## CHASSIS

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

- Plastic bumper and driving lights, LED rear lights
- FUPS

## ELECTRICAL SYSTEM

**Type:** 24 Volt

Multiplex computerised CANBUS

**Batteries:** 2 x 170 Ah

**Alternator:** 28 Volt-90 A

## WHEELS & TYRES

**Wheels:** 8.25DC (drop centre) x 22.5 10-stud 335 mm PCD steel disc

**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 add (AS cab)

## SAFETY FEATURES

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

## Optional:

- LDWS (Lane Departure Warning System) (STD with AS cab)
- TPMS (Tyre pressure Monitoring System)
- Xenon Headlamps
- Immobilizer (STD with AS cab)

## CAB FEATURES

- Driver seat: fabric covered, with head rest, seat belt, air suspended, heated, and lumbar adjustment.
- 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
- Expansion module and PTO provision
- Manual A/C system (STD with AD/AT cab)
- Cooler box (AT)
- Fridge (STD with AS cab)
- Cabin air suspension (STD with AS cab)
- Auto A/C system (STD with AS cab)
- Servoassisted cabin tilting (STD with AS cab)
- Electric battery cutout (STD with AS cab)

## Optional:

- Passenger heated and air suspended seat (AD/AT cab)
- Steel front bumper
- IVECONNECT + Driver Style Evaluation (DSE), Driver Attention Support (DAS), CD player, radio hi-fi and touch-screen display
- Durabright wheels
- High Roof (AT cab)
- Fridge (AT cab)
- Roof spoiler (AD/AT cab)
- Parking Cooler (AT high roof or AS cab)
- Cabin air suspension (AD/AT)
- Auto A/C system (AD/AT cab)
- Servoassisted cabin tilting (AT cab)
- Electric battery cutout (AD/AT cab)