

# IVECO

Drive the road of change



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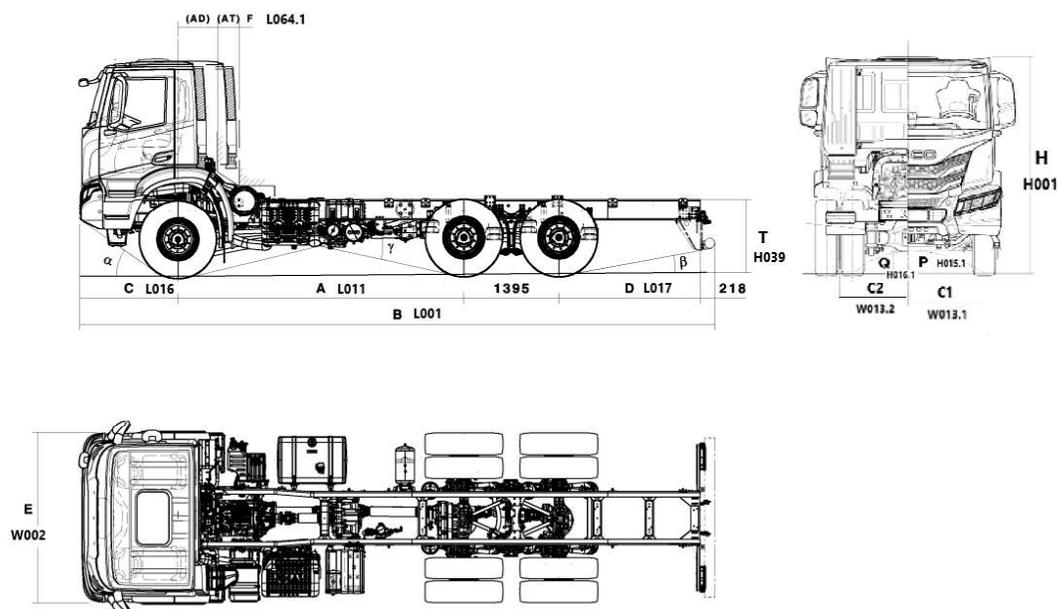
TECHNICAL DESCRIPTION

IVECO *T-way* AD260T36W

## List of linked VCB

VCB code	Gearbox	Wheelbase	Cabin	Drive
<a href="#">HI2GE2C3</a>	I2TX I850 TO	3500	AD MY SX	LH
<a href="#">HI2GE3C3</a>	I2TX I850 TO	3800	AD MY SX	LH
<a href="#">HI2GE4C3</a>	I2TX I850 TO	4200	AD MY SX	LH
<a href="#">HI2GE5C3</a>	I2TX I850 TO	4500	AD MY SX	LH
<a href="#">HI2GEDC3</a>	I2TX I850 TO	4000	AD MY SX	LH

## Dimensions & Weights



	BEP	DIMENSIONS (mm)				
Wheelbase (A)	L011	3500	3800	4000	4200	4500
Max length (B)	L001	8067	8337	8562	8741	9010
Distance 1st-2nd axle	L012.1	3500	3800	4000	4200	4500
Distance 2nd-3rd axle	L012.2	1390	1390	1390	1390	1390
Max width over wings (cab) (E)	W002	2550	2550	2550	2550	2550
Front axle to back of cab - including snorkel (F)	L064.1	480	480	480	480	480
Frame height at end of frame, unladen (T)	H039	1177	1177	1177	1177	1177
Frame height at front axle, unladen (c+cv)	H035	1163	1162	1162	1161	1160
Frame height at rear axle, unladen (d+dv)	H037	1172	1172	1172	1172	1172
Front overhang (C)	L016	1440	1440	1440	1440	1440
Rear overhang (D)	L019	1490	1490	1490	1490	1490
Minimum ground clearance (front) (P)	H015.1	371	371	371	371	371
Minimum ground clearance (rear) (Q)	H016.1	311	311	311	311	311
Overall height to top of cab, unladen (H)	H001	3235	3234	3233	3233	3232
Turning diameter kerb to kerb	W011	19400	20300	20900	21500	22300
Turning diameter wall to wall	W012	21000	21900	22500	23100	23900
Front track (C1)	W013.1	1979	1979	1979	1979	1979
Rear track (C2)	W013.2	1829	1829	1829	1829	1829
Approach angle $\alpha$ (°)	H010	33	33	33	33	33
Ramp angle $\gamma$ (°)	H12	22	21	19	18	18
Departure angle $\beta$ (°)	H011	13	13	13	13	13
Side members thickness	H033/H034	7.7	7.7	7.7	7.7	7.7
Side members max height	H032	304.4	304.4	304.4	304.4	304.4
Side members flange width	W032	80	80	80	80	80
Frame width at rear	W036	771.4	771.4	771.4	771.4	771.4

## Dimensions & Weights

Wheelbase (A)	BEP	WEIGHTS (kg)				
	L011	3500	3800	4000	4200	4500
Total vehicle kerb weight	M060	9617	9662	9674	9691	9734
Kerbweight on Front Axle	M090	5017	5038	5066	5087	5126
Kerbweight on Rear Axle	M100	4600	4624	4608	4604	4608
G.V.W. (EC)	M002	26000	26000	26000	26000	26000
G.V.W. (Design)	M001	28000	28000	28000	28000	28000
Plated weight on front axle (EC)	M041.1	8000	8000	8000	8000	8000
Plated weight on axle 1 (Design)	M040.1	8000	8000	8000	8000	8000
Plated weight on axle 2 (Design)	M040.2	10500	10500	10500	10500	10500
Plated weight on axle 3 (Design)	M040.3	10500	10500	10500	10500	10500
Plated weight on rear axle (EC)	M041.2	19000	19000	19000	19000	19000
Max body & payload (Design)	M110	18383	18338	18326	18309	18266

### Notes :

#### Dimensions:

The height of the side member includes the thickness as well.

#### Weights:

Weights are to standard configuration and include: chassis cab (or tractor), driver (75 kg), full fuel tank, Adblue (if present), tools kit and spare wheel (if present).

The values of GVW / GCW can vary according to the markets and the homologations.

Wheelbase	Type	Drawing
3500	Left hand drive vehicle drawing	5803282041
3800	Left hand drive vehicle drawing	5803282043
4000	Left hand drive vehicle drawing	5803282044
4200	Left hand drive vehicle drawing	5803282045
4500	Left hand drive vehicle drawing	5803282046

# Model Components

## Engine

Identification Code	F2CGE611
Manufacturer	FPT Industrial
Commercial name	Cursor 9
Cycle	DIESEL
Injection type	DIRECT
4 Stroke / 2 Stroke cycle	4
No. of cylinders	6
Cylinders layout	IN-LINE
Valves per cylinder	4
Bore mm	117
Stroke mm	135
Total displacement cm <sup>3</sup>	8710
Exhaust gas treatment	Hi-SCR (DOC+DPF+SCR+CUC)
Weight (without oil / water) Kg	900
No. of turbocharger devices	1
Injection system	HIGH PRESSURE / COMMON RAIL (1600 BAR)
Cold starting type	THERMOSTARTER
Emissions control	EURO VI E
Cooling system	water



### Notes :

#### Hi-e SCR after-treatment :

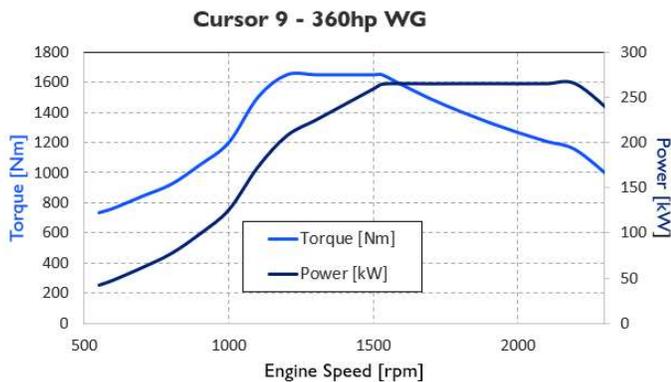
**DOC** ( Diesel Oxydation Catalyst ): promotes oxidation of several exhaust gas components by oxygen. The oxidation of NO to NO<sub>2</sub> plays an important role on the performance of ATS system.

**DPF** ( Diesel Particulate Filter ): introduced in order to cut down PM and PN ( Particulate numbers) before SCR catalyst , increasing the ATS system efficiency.

**SCR** (Selective catalytic Reduction): required to reduce NO<sub>x</sub> through the injection of AdBlue. Urea hydrolysis and gas distribution on the SCR catalyst assure full exhaust gas flow treatment.

**CUC** ( Clean Up Catalyst): integrated in the SCR, is required to eliminate residual ammonia (NH<sub>3</sub>) for legislation implications.

### ENGINE EMISSION EURO VI E opt. 05313



#### 360 C9 - Cursor 9 - 360 HP - WG

Maximum power: 265 kW (360 HP) @ 2200 rpm

Maximum torque: 168 Kgm (1650 Nm) @ 1200 rpm

# Model Components

## DRIVELINE

### Gearbox

Gearbox model	Gearbox Type	Installation	Box material	Dry weight Kg	Clutch type	Max input torque Nm	No. of forward gears	No. of reverse gears	Shifting
<b>I2TX 1850 TO</b>	AUTOMATED	ENGINE FLANGED	ALUMINIUM ALLOY	253 - (w/o retarder)	Automated dry clutch ConAct	1800	12	2	Electro-pneumatically shifted

### Gear ratios

Gearbox model	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	rev. 1st	rev. 2nd
<b>I2TX 1850 TO</b>	12.92	9.98	7.67	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29

### Clutch

Gearbox model	Type	Outer diameter mm	Outer diameter (inches)
<b>I2TX 1850 TO</b>	Single dry plate	430	17

### Rear Axle Ratio

Option code	05003	06017	06019 *	06021	06034	06036
<b>Ratio</b>	6.09	4.231	4.67	5.01	5.56	6.57

\*: Standard axle ratio

### Tyres & Wheels

Code	Tyres	Front	Rear	Load index	Rolling circumference m
<b>20080</b>	Standard	13R22.5	13R22.5	156/150	3.428
<b>20115</b>	Optional	395/85R20	395/85R20	168/	3.6
<b>20885</b>	Optional	385/65R22.5	315/80R22.5	164/	3.28
<b>20795</b>	Optional	315/80R22.5	315/80R22.5	156/150	3.28
<b>20318</b>	Optional	395/85R20	395/85R20	166/	3.6
<b>20846</b>	Optional	315/80R22.5	315/80R22.5	156/150	3.28
<b>20081</b>	Optional	13R22.5	13R22.5	156/150	3.428

### Performance

\* Max Speed. Calculated speed on the basis of engine rpm and axle ratios. Real speed limits must take into account the speed index of the tyres: K = 110 km / h L = 120 km / h M = 130 km / h

\*\* Theoretically calculated values, arising from the engine torque without considering the road-friction values and the stability limits of the vehicles. When calculating with more than one tyres or more than one axle ratio, availability of each combination must be checked.

\*\*\* Please note that the actual max. speed of the vehicle may differ from the theoretical one displayed in this document, depending on the vehicle configuration.

Speed and gradeability values are rounded.

A = Total Weights (solo vehicle) Kg - Max Gradeability %

B = Total Weights (vehicle+trailer) Kg - Max Gradeability %

Tyre: 20080 - 13R22.5 OFF - All Position

Efficiency: 0.90

Off road slow

Gearbox model I2TX 1850 TO

Axle Ratio	Gear Ratio 1°	Gear Ratio 12°	Speed km/h 1°	Speed km/h 12°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							26000		40000	
							1°	12°	1°	12°
<b>4.231</b>	12.92	0.77	5.17	86.81	1266	1424	100.00	4.64	74.85	2.77
<b>4.67</b>	12.92	0.77	4.69	78.65	1398	1572	100.00	5.26	88.35	3.17
<b>5.01</b>	12.92	0.77	4.37	73.31	1499	1687	100.00	5.73	100.00	3.48
<b>5.56</b>	12.92	0.77	3.94	66.06	1664	1872	100.00	6.49	100.00	3.97
<b>6.09</b>	12.92	0.77	3.59	60.31	1823	2050	100.00	7.21	100.00	4.44

## Model Components

Axle Ratio	Gear Ratio 1°	Gear Ratio 12°	Speed km/h 1°	Speed km/h 12°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							26000	40000	1°	12°
6.57	12.92	0.77	3.33	55.90	1966	2212	100.00	7.86	100.00	4.86

Tyre: 20080 - 13R22.5 OFF - All Position

Efficiency: 0.90

On road fast

Gearbox model I2TX 1850 TO

Axle Ratio	Gear Ratio 1°	Gear Ratio 12°	Speed km/h 1°	Speed km/h 12°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							26000	40000	1°	12°
4.231	12.92	0.77	8.28	138.89	1266	1424	70.44	2.21	40.06	1.19
4.67	12.92	0.77	7.50	125.84	1398	1572	82.50	2.67	45.11	1.49
5.01	12.92	0.77	6.99	117.30	1499	1687	93.56	3.01	49.22	1.71
5.56	12.92	0.77	6.30	105.69	1664	1872	100.00	3.54	56.35	2.06
6.09	12.92	0.77	5.75	96.50	1823	2050	100.00	4.03	63.88	2.37
6.57	12.92	0.77	5.33	89.45	1966	2212	100.00	4.47	71.45	2.66

## Battery

### Electrics

Voltage V	24
Alternator power V/A	24 / 90
Starter power kW	5.5
No. of batteries	2
Batteries capacity V/Ah	12 / 170

## Disc brakes

### Front axle

Drum brakes 410 mm (410 x 180)  
Friction area: 2884 cm<sup>2</sup>

### Tandem

Drum brakes 410 mm (410 x 200)  
Friction area: 3220 cm<sup>2</sup>

## Suspensions

### Front parabolic suspension STD

Standard capacity: 8.000 kg. (options for 8,500 kg and 9,000 kg.)

### Rear semi elliptic parabolic suspension STD

Capacity: 26.000 kg.

## Cabin

### Exteriors

#### New front grille

New design of the front grill

#### New mirrorless camera

Class II and IV (lateral mirrors)

Improve the aerodynamic with important benefit on TCO

# Model Components

Steel bumper

## Interiors

### Brand new dashboard

New design that enhances the livability limiting the intrusiveness of the dashboard  
Build around the driver and the passenger  
Improved command reachability  
Improved front visibility  
Plenty of storage compartments  
New Full TFT cluster (10" and 12")  
New Infotainment 10"  
12 V, 24 V, USB-B and USB-C charging sockets  
Electric parking brake.

### New steering wheel

450 mm diameter with driver airbag  
New commands in front and behind the steering wheel to avoid the driver to lose attention searching for commands around the dashboard  
Engine start/stop from steering wheel New driver airbag to further improve safety onboard.

### New connectivity

Second generation of advanced predictive AI algorithm based to estimate residual life of system/components  
Professional safety report Driver health monitoring  
Evolution of driver assistant (Alexa) that is fully integrated in the dashboard and providing real-time information  
IVECO ON portal as unique customer touchpoint for Iveco services

NOTE: The standard/optional configuration may vary according to each market specification



# Model Components

## Innovations

### Advanced emergency braking system (AEBS):

Automatically detects an imminent/potential forward collision and activate the vehicle braking system to decelerate the vehicle with the purpose of avoiding or mitigating a collision. The system shall react to other licensed moving vehicles and obstacles present in the front area of the vehicle and has to be active both on urban and highway areas.

### Lane Departure Warning System (LDWS):

Warns the driver about an unintentional lane departure event (when the vehicle drifts out of its travel lane). The system is suppressed if either hazard lights, a turn indicator, the braking pedal or the steering wheel is active.

### Alcohol Interlock Preparation (ALC):

Enhance traffic safety by preventing persons with alcohol concentrations exceeding a set limit value from driving a motor vehicle. Vehicle engine can't be started if driver's alcohol concentration is unsafe for driving. Only prefit is supplied as standard, the full device is to be ordered by mean of specific option (CCP 416).

### Emergency stop signal (ESS):

Enhances traffic safety by indicating to other road users to the rear of the vehicle that a high retardation force is being applied; this warning is given by a light-signaling function.

### Driver Drowsiness & Attention Warning (DDAW):

Opt 399 (if included in the configuration, the vehicle is compliant with GSR-B regulation) Alerts driver when driving behavior indicates drowsiness or inattentiveness.

### Intelligent Speed Assist (ISA):

Helps recognize speed limits and alerts driver, when speed limit is exceeded.

### Tyre Pressure Monitoring System (TPMS):

Alerts driver of tyre pressure loss to help avoid tire blow out and avoid abnormal fuel consumption.

### Advanced Driver Distraction Warning (ADDW):

Opt 222I (if included in the configuration, the vehicle is compliant with GSR-C regulation) The Advanced Driver Distraction Warning system monitors the driver's attention and fatigue levels through a camera that is installed:

### Blind Spot Information System (BSIS):

Helps to avoid collisions with Vulnerable Road User near the passenger side while vehicle is turning. As extra-option a BSIS covering the driver side area of the vehicle is available.

### Moving Off Information System (MOIS):

During moving off maneuvers it reduces the number of accidents with Vulnerable Road User entering the front area of the vehicle.

### Reversing Detection (REV):

Helps to avoid collisions during reversing maneuvers providing rear truck image on a screen.

- on the front driver A-pillar for vehicles with traditional mirrors (option 697, 1096, 2714)
- on the driver-side display of the camera mirrors system (option 869)  
When signs of drowsiness, fatigue, or distraction are detected, the system issues visual and acoustic alerts

**NOTE:** The ADDW camera does not record or store any video during driver monitoring and does not use any biometric data, including facial recognition, for its operation.

## Miscellaneous

### Fuelling:

Fuel tank: 390 litres, aluminium; filter, fuel pump, prefilter, fuel separator.

Urea tank: 60 litres

## Transfer Box

	Type
Model	TC I800
Type	3 shafts
OFF ROAD Low Ratio	1.6
ON ROAD Normal Ratio	I
Control	pneumatic



**Drive the road of change**

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