



6x4 550 Prime Mover AS



Overseas model shown.
Illustration may contain optional features to the model.

ENGINE

Power: 550hp (420kW) @ 1900rpm
Torque: 2500Nm @ 1000rpm

TRANSMISSION

16 Speed automated manual

MASS RATINGS

GVM: 27600kg
GCM: 70000kg

WHEELBASE

3200mm

KEY FEATURES

Compliant to Euro VI STEP E Emission standard
GPS Predictive Drive
Advanced Emergency Braking System
Adaptive Cruise Control
Lane Departure Warning
Full LED Headlights with cornering fog lights
7" Infotainment system with Apple CarPlay®
Climate control HVAC system

WARRANTY

Standard Warranty			
3 Years/750,000km (whichever occurs first)			
Extended Warranty			
Optional – Up to 5 Years/1,000,000km (whichever occurs first)			
	Driveline Only	Driveline Plus*	
Driveline	•		
Extra Driveline	•		•

MAINTENANCE & REPAIR CONTRACTS

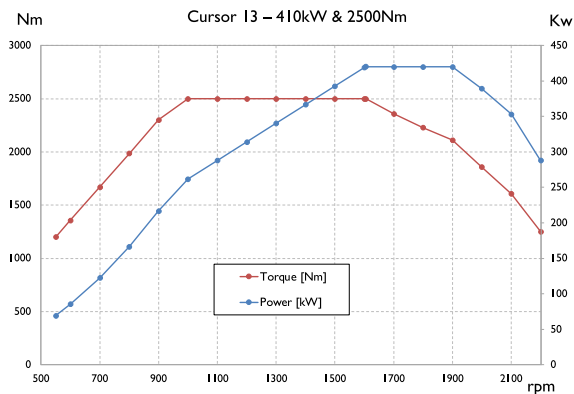
	Maintenance	Friction	Repair
Service Bond	•		
Friction	•	•	
Easy Road (complimentary for first year)	•	•	•

Contracts available up to 5 years/1,000,000kms (whichever occurs first)
*Please refer to the 'Standard Inclusions List' at your IVECO dealer.

IVECO
Drive the road of change

ENGINE

Engine Model	Cursor I3
Total Displacement	12,900cm ³
Maximum Power	550hp (420kW) @ 1900rpm
Maximum Torque	2500Nm @ 1000rpm



Injection type	Direct
Fuel Injection system	Common rail
Bore & Stroke	135 & 150mm
After-Treatment System	Hi-e SCR after-treatment system with DOC: Diesel Oxydation Catalyst DPF: Diesel Particulate Filter SCR: Selective Catalytic Reduction CUC: Clean Up Catalyst
Emission Compliance	Euro VI STEP E

TRANSMISSION

Description	Automated Manual Transmission (AMT)	
Make & Model	Hi-Tronix I6 TX 2640 TD	
Shifter type	Dash mounted electronic shifter with column mounted sequential shifter	
Gear ratios: Hi-Tronix I6TX 2640 TD	1st: 17.94	9th: 3.93
	2nd: 14.68	10th: 3.22
	3rd: 12.12	11th: 2.65
	4th: 9.92	12th: 2.17
	5th: 8.28	13th: 1.81
	6th: 6.78	14th: 1.49
	7th: 5.58	15th: 1.22
	8th: 4.57	16th: 1.00
	Rev 1: 17.27	Rev 3: 3.78
	Rev 2: 14.14	Rev 4: 3.10

POWER TAKE-OFF

Rear engine PTO	Without Rear Engine PTO
Gearbox Power	Equipped
Take-off Opening	

PTO Control	Equipped with activation switch and electrics
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REAR AXLE RATIO

Rear Axle Ratio	Standard: 3.09 Optional: 3.4
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PERFORMANCE

Engine RPM @ 100km/h	1617
Road speed limiter	100km/h, Conforms to ADR65
Gradeability ¹ @ Rated GVM	88%
Gradeability ¹ @ Rated GCM	35%
¹ This is theoretically calculated. Actual performance may vary under different conditions.	

AXLE & SUSPENSION

Front Axle Model & Type	IVECO 5890/D ON - Axle drop: 142mm
Front suspension	Parabolic suspension with dampers
FA & suspension capacity	8000kg
FA group mass rating	7100kg (with tyres)
Front Stabiliser bar	Diameter: ø48mm/Roll rate: 5018Nm/Deg
Rear Axle Model & Type	MT23-I50/D - Tandem Single reduction
Rear suspension	8 Bellow air suspension with ECAS Stroke: Raise/lower - 125mm/-65mm
Rear dampers	Equipped
RA & suspension capacity	23000kg
RA group mass rating	21000kg (with tyres)
Rear Stabiliser bar	Diameter: ø60mm/Roll rate: 8247Nm/Deg
Axle load indicator	Equipped (with pneumatic suspension only)
Differential Cross Lock	Equipped
Road friendly suspension Certification	RFCN: RF2103

BRAKES & AUXILIARY BRAKES

Type/Control	Full air/Electronic Braking System (EBS)
	- ABS (Anti-lock Braking System)
	- ASR (Anti-Skid Regulator)
	- DPI (Direct Brake Integration)
	- BAS (Brake Assistant System)
	- BVR (Brake Lining Wear Adjustment)
	- ARB (Hill Holder) - if fitted and only with AMT gearbox
	- ESC (Enhanced Stability Control)
Front axle	Ventilated Disc: Diameter 432mm/ Braking surface : 784cm ²
Rear axle	Ventilated Disc: Diameter 432mm/ Braking surface : 784cm ²
Engine brake with 3 level retardation	Equipped
Transmission Intarder	Equipped

CHASSIS

Dimensions	3044 x 80 x 7.7mm
Chassis width (at rear)	771.4mm
Material	Steel
Tensile strength	610N/mm ²
Exhaust Pipe	Chassis mounted ATS & Horizontal pipe
Air Tanks	Aluminium
Front tow hook	Equipped
Towing cross member	N/A

WHEELS & TYRES

Rim Type	10-Stud disc wheel (ISO type) PCD 335mm Finish: Durabright
Rim size	22.5" x 8.25"
Tyre size	Front 295/80R22.5 Rear 295/80R22.5



FUEL & ADBLUE® TANK

Fuel Tank with lockable cap	1010L (630: RHS + 380: LHS)
AdBlue® Tank	80L

FUEL SAVING FEATURES

GPS-Predictive Drive	Equipped
Eco-Roll	Equipped
EcoSwitch	Equipped

SAFETY FEATURES

Electronic Stability Programme (ESP)	Equipped
Anti-lock Brake System (ABS)	Equipped
Anti-slip Regulator (ASR)	Equipped
Advanced Emergency Braking System (AEBS)	Equipped
Adaptive Cruise Control (ACC)	Equipped
Lane Departure Warning System (LDWS)	Equipped
Reverse Buzzer	Equipped
Daytime Running Lamp (DRL)	Equipped
ECE-R29 Cab Strength Certification	Equipped
ECE-R93 Front Underrun Protection (FUP)	Equipped

ELECTRICAL & ELECTRONICS

Voltage	24V System
Batteries	2x 12 Volt/220Ah Batteries
Electrical battery cutout	Equipped
Battery position	Above chassis - behind the cab
Alternator	28Volt/120A Smart Alternator
Fleet Management System data interface (FMS)	Equipped
Chassis mounted jump start plug	Equipped
CAN OPEN Bodybuilder interface	Equipped
LED Headlamp - Low beam	Equipped
LED Headlamp - High beam	Equipped
Daytime Running Lamp (DRL)	Equipped
Fog light with cornering & bending	Equipped
LED Rear lights	Equipped
Chassis mounted pneumatic horn	Equipped
7-pin trailer connection	Equipped

STEERING

Telescopic & Tilt adjustable steering column	Standard
Steering wheel	Soft touch steering wheel with following: - Controls for the information screen - Controls for the phone - Activation for voice recognition - Controls for ACC (Adaptive cruise control) - Controls for radio/media volume Optional: Leather steering wheel
Steering angle	Inside: 52° Outside: 36°

SERVICE INTERVALS

Engine oil change interval ²	75,000km/12 Months
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²Based on normal operating conditions and may be reduced when operating under severe conditions.

CAB EXTERIOR

Cab type	High roof sleeper cab (AS)
Cab tilt mechanism	Servo assisted cab tilt mechanism
Cab mounting	Air suspended front and rear
Windscreen Wipers	Automatic - Rain sensing 2 Speed with Integrated Washer Nozzles
Front Bumper	Multi-piece plastic front bumper with foldable step

Rearview mirrors	2 x Motorised, heated flat main mirrors & convex spotters 1 x LHS kerb view & front view mirrors
External Sunvisor	Equipped
Full Aerodynamic kit - with high roof only	Standard
Colour	White IC 194

CAB INTERIOR

Seating capacity	Two
Driver Seat	Leather, Air suspended, Ventilated, 3-Way adjustable seat
Passenger Seat	Fabric, Air suspended, Heated, 3-Way adjustable seat
Seat Belt	3-point Lap/Sash type
Sun visor & overhead consoles	Equipped on both driver & Passenger side
Sleeper berth with net protection - ADR 42 Compliant	Equipped
Multimedia unit	7" LCD HD touch screen display DAB + AM/FM radio USB input, Bluetooth® connectivity Smart phone mirroring Apple CarPlay® Voice recognition In built Tom Tom Satellite navigation system Reverse/Side camera compatible USB charging ports (TYPE A) 12 Volt power socket
HVAC System	With integrated parking cooler
Immobiliser	Equipped - with 3 x remote central lock keys
Power Windows	Equipped
Cup holders	Equipped
Interior lighting	LED Internal Lights
Ambience lighting	With ambience lighting
Rollup sun blinds for doors	Equipped
Electric roof hatch	Equipped
Refrigerator	70L Storage Box + 50L Fridge/Freezer
Bunk Curtains	Equipped

GENUINE ACCESSORY OPTIONS

- Phone Cradle	- Rubber Floor Mats
- Cameras	- Seat Covers
- Foot Well Liners	- 24 to 12 Volt Voltage Reducer

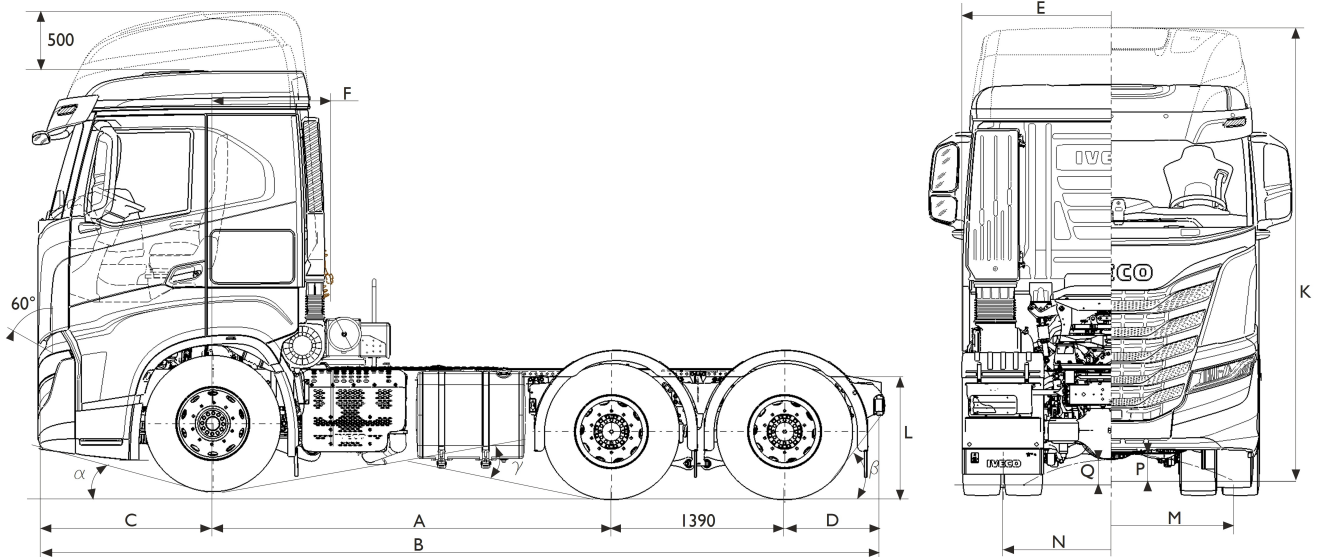
Please check with your dealer for availability and price.

IVECO TELEMATICS

Telematics Hardware	Equipped (GSM & GPS & Antenna & 4G SIM) with provision for mobile cradle. Upon subscription. Features include: - MYIVECO Smart report - MYIVECO Web portal - MYIVECO Vehicle monitoring & remote assistance - MYIVECO Easy Way app
Smart connectivity pack (Included for 5 years)	
Premium pack	Optional

MODEL CODE: AS700S55TZ/P ON

Application: Prime Mover



DIMENSIONS & WEIGHTS

Wheelbase - A (mm)	3200
Max length - B (mm)	6824
Max width over fenders - E (mm)	2500
Front axle to back of cab - F (mm)	940
Frame height at end of frame, unladen - L (mm)	1037
Front overhang - C (mm)	1410
Rear overhang - D (mm)	778
Minimum ground clearance, front - P (mm)	231
Minimum ground clearance, rear - Q (mm)	194
Overall height - K (mm)	3862
Turning diameter, kerb to kerb (mm)	15700
Turning diameter, wall to wall (mm)	17300
Front track - M (mm)	2062
Rear track - N (mm)	1815
Approach angle - α (°)	13
Ramp angle - γ (°)	15
Departure angle - β (°)	38
Total vehicle kerb weight (kg)	9101
Kerbweight on Front Axle (kg)	5582
Kerbweight on Rear Axle (kg)	3518
Gross Vehicle Mass - Plated (kg)	27600
Gross Combination Mass - Plated (kg)	70000

Notes:

*Indicative chassis tare mass with Standard options, without fuel, Adblue® and driver. $\pm 3\%$ tolerance apply.

Disclaimer:

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