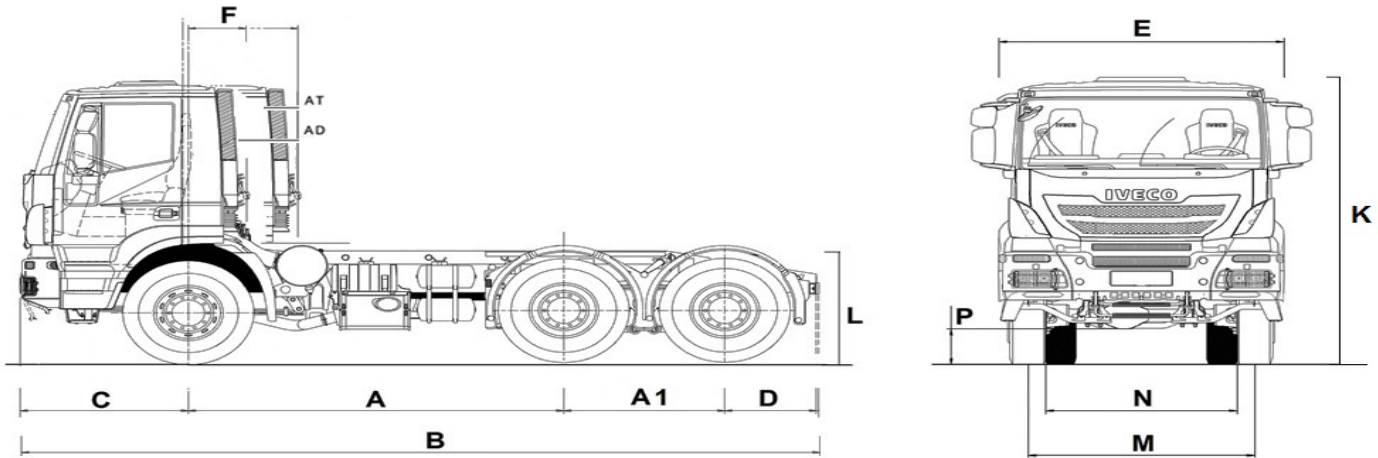


IVECO

TRAKKER

AD/AT 720T42 WTH Euro III

Tractor 6x6



| WEIGHTS (kg.) | G.V.W.* | G.C.W.* | Front axle | Tandem |
|--|---------|---------|-------------------|---|
| Design weights (std.) | 33.000 | 70.000 | 8.000 | 26.000 |
| Design weights (opt.) | 38.000 | 100.000 | 8.500 - 9.000 (*) | 18.000 (**)- 30.000 (***) - 32.000 (****) |
| * According to the markets and the homologations | | | | |
| (*) 8.500 - 9.000 kg. on front axle with 26.000 kg. on tandem only in combination with option tyres (code 20885) | | | | |
| (**) 18.000 kg. on tandem only with 9.000 kg. on front axle and option tyres (code 20780) | | | | |
| (***) 30.000 kg. on tandem only with 8.500 kg. on front axle and option tyres (code 20430) | | | | |
| (****) 32.000 kg. on tandem only with 8.000 kg. on front axle and option tyres (code 20013 - 20022) | | | | |

| KERBWEIGHTS (kg.) cab / wb. | Short cab* | 3.500 | 3.820 |
|------------------------------|------------|--------|--------|
| Front axle | | 5.335 | 5.420 |
| Tandem | | 5.055 | 5.110 |
| Total | | 10.390 | 10.530 |
| PAYLOAD (kg.) @ G.C.W. 70 t. | | 59.610 | 59.470 |
| * Active Day (AD) version | | | |

| DIMENSIONS (mm) | | | |
|---|--------------------------------|-----------------|-----------------|
| A | Wheelbase | 3.500 | 3.820 |
| A1 | Tandem | 1.390 | 1.390 |
| B | Overall length (over bumpers) | 6.844 | 7.159 |
| C | Front overhang | 1.440 | 1.440 |
| D | Rear overhang | 785 | 785 |
| E | Cab width over wings | 2.550 | 2.550 |
| F | Front axle to back of cab | 500 | 500 |
| K | Cab height (unladen)* | 3.108 | 3.108 |
| L | Frame height at rear frame end | 1.094 | 1.094 |
| | Fifth wheel height** | [1.424 - 1.274] | [1.424 - 1.274] |
| | Frame thickness | 10,0 | 10,0 |
| | Turning circle (wall to wall) | 15.959 | 16.650 |
| M | Front track | 2.040 | 2.040 |
| N | Rear track | 1.827 | 1.827 |
| P | Ground clearance (front) | 337 | 337 |
| | Ground clearance (rear) | 310 | 310 |
| * Low roof standard | | | |
| ** It depends on how much is loaded the vehicle | | | |

| TYRES & WHEELS | Tyre code | Mission | Tyre dimensions | | Wheel dimensions | |
|----------------|---------------|---------|-----------------|----------------|------------------|------------|
| | | | Front | Rear | Front | Rear |
| Standard | 20079 | C | 13 R 22,5 | 13 R 22,5 | 22,5x9,00 | 22,5x9,00 |
| Option | 20790 | C | 315/80 R 22,5 | 315/80 R 22,5 | 22,5x9,00 | 22,5x9,00 |
| Option | 20780 | C | 14 R 20 | 14 R 20 single | 20,0x10,00 | 20,0x10,00 |
| Option | 20430 | C | 14 R 20 | 14 R 20 twin | 20,0x10,00 | 20,0x10,00 |
| Option | 20885 | D | 385/65 R 22,5 | 315/80 R 22,5 | 22,5x11,75 | 22,5x9,00 |
| Option | 20013 - 20022 | C - D | 325/95 R 24 | 325/95 R 24 | 24,0x8,50 | 24,0x8,50 |
| Option | 20764 | C | 12 R 24 | 12 R 24 | 24,0x8,50 | 24,0x8,50 |

Tyre mission code: A=long distance; B=regional; C=all use; D=mix/off road

NOTE: Weights are to standard specification and include water, oils, tool box, jack and 75 kg. driver. Kerb weights are subject to a manufacturing tolerance of +/- 5%. Long cab adds +110 kg. (95 on front, 15 kg. on rear). Medium Roof on Long Cab adds +230 kg.

IVECO

AD/AT 720T42 WTH Euro III

| | |
|---------------------|--------------------------------------|
| ENGINE | Iveco Cursor 13 (F3BEE681V*B) |
| Turbocharger | Waste Gate + CEB |
| Cylinders in line | 6 |
| Bore (mm) | 135 |
| Stroke (mm) | 150 |
| Capacity (litres) | 12,88 |
| Max power (HP/kW) | 420/309 |
| @ rpm | 1900 |
| Max torque (Nm/Kgm) | 1900/194 |
| @ rpm | 1000 |
| Engine brake power | 295 Kw @ 2400 rpm |
| Cooling system | Water |
| Fuel system | Unit pump injector |
| Speed limiter | 90kmh |

GEARBOXES

| | MECHANICAL 16S 2220 TO | | AUTOMATED 16AS 2630 TO | |
|--------|---------------------------|--|---------------------------|-------|
| Ratios | | | | |
| 1st | 13,80 | | 1st | 14,12 |
| 2nd | 11,54 | | 2nd | 11,68 |
| 3rd | 9,49 | | 3rd | 9,54 |
| 4th | 7,93 | | 4th | 7,89 |
| 5th | 6,53 | | 5th | 6,52 |
| 6th | 5,46 | | 6th | 5,39 |
| 7th | 4,57 | | 7th | 4,57 |
| 8th | 3,82 | | 8th | 3,78 |
| 9th | 3,02 | | 9th | 3,09 |
| 10th | 2,53 | | 10th | 2,56 |
| 11th | 2,08 | | 11th | 2,09 |
| 12th | 1,74 | | 12th | 1,73 |
| 13th | 1,43 | | 13th | 1,43 |
| 14th | 1,20 | | 14th | 1,18 |
| 15th | 1,00 | | 15th | 1,00 |
| 16th | 0,84 | | 16th | 0,83 |
| Rev 1 | 12,92 | | Rev 1 | 13,07 |
| Rev 2 | 10,80 | | Rev 2 | 10,81 |

PERFORMANCE

| | | | | | |
|------------------------------|-------------|-----------------------|------|------|-------|
| Type: ZF 16 S 2220 TO | | (with standard tyres) | | | |
| Axle ratios available | 4,67 | 4,227 | 5,01 | 5,56 | 6,096 |
| Geared speed (km/h) | 99 | 109 | 92 | 83 | 76 |
| Gradeability % @ 40 t G.C.W. | 75 | 64 | 84 | 100 | 100 |

| | | | | | |
|-------------------------------|-------------|-----------------------|------|------|-------|
| Type: ZF 16 AS 2630 TO | | (with standard tyres) | | | |
| Axle ratios available | 5,01 | 4,227 | 4,67 | 5,56 | 6,096 |
| Geared speed (km/h) | 93 | 111 | 100 | 84 | 77 |
| Gradeability % @ 40 t G.C.W. | 87 | 66 | 77 | 100 | 100 |

CLUTCH

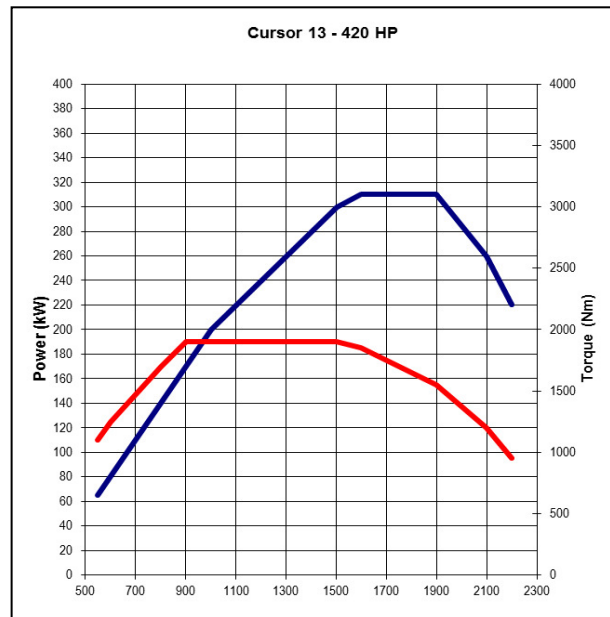
| | |
|----------|------------------------------|
| Type | Single dry plate, pull type. |
| Diameter | 17 inches/430 mm |

BRAKES

| | |
|---------------------|--|
| Type | 2 independent pneumatic circuits |
| Service | A.B.S. + E.B.L. |
| Front axle | Drum brakes. 410 mm Friction area: 2884 cm ² |
| Tandem | Drum brakes. 410 mm Friction area: 3220 cm ² |
| Parking | Mechanical with spring cylinder, rear. |
| Emergency | Combined with parking brake. |
| Air reservoirs | 5 x 20 litres, steel |
| Air compressor | 352cc – single cylinder |
| Heated air dryer | Air Processing Unit |
| Trailer connections | 15 pin plug |

TRANSFER BOX

| | |
|---------------------|----------------------------------|
| Type | TC 2200 - gearbox independent. |
| Ratio | On road: 1/1 – Off Road: 1/1,60. |
| Torque distribution | Front 1 / Rear 2,2 |



ELECTRICS

| | |
|--------------------|-------------------------------|
| Tension | 24v negative earth return |
| Alternator | 28v, 90A |
| Starter | 24v, 5.5kW |
| Batteries | 2 x 12v, 170Ah |
| Circuits protected | By fuse |
| System | Multiplex - CAN line data bus |

SUSPENSIONS

| | |
|-----------------|-----------------------|
| Front | Parabolic spring |
| Rear | Semielliptical spring |
| Anti roll bar | Front and rear |
| Shock absorbers | 2 on front |

STEERING

| | |
|-------------------------|----------------|
| Type ZF 8098 | Power assisted |
| Steering wheel diameter | 510 mm |

AXLES

| | |
|-----------------------------|--------------------------------------|
| Steering with single wheels | Iveco 5985/2D. Rigid. Hub reduction. |
| Drive | 453291/2D. Hub reduction. |

FUEL TANK

| | |
|-------------------|--|
| Type and capacity | 300lt., steel, filter, fuel pump, prefilter. |
|-------------------|--|

CAB INTERIOR

Active Time
Interior incorporating, air suspended 3-way adjustable driver's seat, inertia reel belt. Passenger seat 2 way adjustable with inertia reel belt. Soft feel dashboard with multi-functional steering wheel incorporating touch button menu controls for the real time digital dash display. Dual scale speedometer. All gauge functions monitored using international symbols. Heater. Left and right hand entry assist handles. Pneumatic adjustable steering column, 2 column mounted control stalks, left stalk operating the indicators, main beam, windscreen wash wipe, (if provided) right stalk operating Eurotronic 2 gear change, engine brake, cruise control and variable speed limiter. If provided, on the left of the steering column there is the dash mounted Eurotronic gearbox controls D - N - R mode (forward and reverse). Overhead console for CB radio. Courtesy and map reading lights. Electronic PTO switch and in cab preparation. Expansio Module. Fabric trim cab interior. Single low level bunk with under bunk storage, bottle holder & storage and control panel.

Active Day

As above without bunk & under storage, with rear bulk head storage & writing pad.

CAB EXTERIOR

Active Time
Forward control cab. Galvanised pressed steel construction, with SMC for vulnerable parts. Helical spring suspension and dampers. Hydraulic cab tilt to 60 deg. Tinted electric door windows and tinted laminated screen. Manual rear-view mirrors plus kerb and wideangle mirrors, according to 2003/97/EC. Blind rear cab panel. External stowage for tools. Steel front bumper.

Active Day

As above without external stowage.

CHASSIS

Ladder construction. Pressed steel side members and riveted and bolted cross members. (C section)

| | |
|------------------|----------------------------------|
| Wheelbase | Height (mm) x width (mm): |
| 3.500 - 3.820 | 289x80 |

NOTE: The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specification at any time.