

# Thomas Hardie Commercials Ltd.



In Progress

Date 03/06/2018  
Quote No. NC2018000026  
Version 0  
Alternative 1  
Your ref.

Fox Brothers (Lancashire) Ltd  
11 Neptune Court  
Hallam Way  
Whitehills Business Park  
BLACKPOOL  
FY4 5LZ

## Technical Specification

Paul

### **FMX 410 8x2 Rigid Standard height rear air suspension with fixed single tyred tag**

#### **TRUCK USE**

Operating class on/off road  
Transport Cycle - Distribution  
Terrain - Predominantly Flat  
Ambient temperature up to + 40°C  
Ambient temperature down to -25 °C  
Centre of gravity height, approx. 1.6 metres  
Medium dirty roads 10-40% of driving on dirty roads  
Basic platform vehicle  
Gross combination design weight 44.0 tonnes  
Vehicle width 2550 mm

#### **CORE COMPONENTS**

Volvo FMX 410 8x2 Rigid  
Standard height - Rear air suspension with single tyred tag  
Chassis height standard - For a specific loading height always check the unique BEP chassis drawing  
Fixed tag axle single tyres (2 tyres on complete axle)  
Rear air suspension, 2 axles - 1 driven/1 tag  
Day cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations  
6.0 metre wheelbase  
Emission level - Euro 6  
D11K410 10.8l engine developing 410hp at 16-1900rpm.  
Peak torque 1950Nm at 1000-1400rpm.

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Volvo engine brake and exhaust pressure governor retardation 300kW  
AT2612F 12-speed "I-shift" automated mechanical gearbox  
suitable for gross train weights up to 60tonne only  
refer to sales engineering when used in conjunction with a PTO  
RSS1356 single reduction rear axle with differential lock - design GCW 56 tonne  
Rear axle ratio 2.79

### PACKAGES

#### Driving package

*Steel roof hatch - Manually operated with rear opening*

*Electrically heated and operated exterior mirrors with wide angle mirror on both sides and kerb view mirror on passenger side*

*Interior front sun visor with mirror on driver side*

*Manual door locking with internal remote control (from driver side) of passenger door*

*External smoke grey sunvisor*

High Power Audio system: RDS radio with CD player - also playing MP3/WMA files from CD -, with integrated bluetooth phone and USB/Line inputs. FM/AM antenna, speakers in dashboard, doors, and sleeping compartment.

*Dashboard integrated 7 inch colour information display, 92mm high x 153mm wide*

*Audio signal - AM/FM only*

Without Chassis Package

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Rear frame length 3195 mm measured from first drive axle  
One heavy duty front towing device  
Anti-spray mudflaps on front axle wings  
Without rear axle mudflaps  
Steel air tanks  
LED Tail lights  
Basic brake light

### **WHEELS & TYRES**

Europe  
Steel rims on all axles  
Front axle tyre size - 315/80R22.5  
Front Tyre - Goodyear KMax- Regional steer pattern  
Drive axle tyre size - 315/80R22.5  
9.00 inch drive axle wheel rims  
Drive Tyre - Goodyear KMax D - Regional drive pattern  
Tag axle tyre size - 315/80R22.5  
Tag Tyre -Goodyear KMax S - Regional steer pattern  
Basic Toolkit  
Without tyre pressure monitoring



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## CHASSIS

Without additional rear stabiliser  
Front suspension type - 2 leaf parabolic springs  
Front axles design capacity 16 tonnes - 2 x 8.0 tonne front axles  
Maintenance free front suspension  
Front anti-roll bar medium stiffness  
Rear bogie design capacity 19 tonnes  
Rear anti roll bar medium stiffness  
Rear axle load limiter, 11.5 tonnes  
Tag axle capacity 7.5 tonnes  
Basic bogie load sharing  
Without Volvo Dynamic Steering  
Dual power steering system  
Power steering pump with variable displacement  
Solid disc brakes  
EBS medium package including "hill" hold function  
High ground clearance with low offset front axle beam  
Front regulating brake valve, EBS  
Remote electronic control on wander-lead for air suspension levelling  
Frame rail section external height 300 mm  
Frame thickness - web and flange 8.0mm  
Inner liner from gearbox member to end of bogie  
Battery box located on left hand side  
2 x 225 Ah capacity batteries  
Battery voltage and ampere gauge  
Battery conditioner  
Main switch - Chassis mounted toggle switch by battery box  
Right aluminium 560 mm D-shaped fuel tank, 315 litres volume  
Fuel tank - basic ground clearance  
AdBlue tank usable volume 32 litres  
AdBlue tank on left hand side  
Locking fuel filler cap  
Fuel filling anti-theft and anti-spillage devices  
Horizontal chassis mounted diesel particulate filter and vertical SCR silencer behind cab  
Steel exhaust stack  
EC approved chassis side guards  
Side and rear marker lights  
Rear frame end, straight cut for regular platform applications