



## Vehicle LF190FA 12t With Martin Williams Curtain Side Body



## Detailed Specification

Cab exterior	<ul style="list-style-type: none"> <li>- <b>Bumper mounted fog lights.</b></li> <li>- <b>Bi-reflector halogen head lights with impact-resistant Lexan lens.</b></li> <li>- Cab suspended in rubber bushes at front and with coil spring at rear.</li> <li>- Preparations for the installation of an external sun visor.</li> <li>- Head light beam for left-hand traffic.</li> <li>- Daytime running lights.</li> <li>- Green tinted glass.</li> <li>- Main mirror and wide angle mirror at driver's side and co-driver's side.</li> <li>- Kerb view mirror at co-driver's side.</li> <li>- Mirror brackets for body width 2.50 - 2.60 m.</li> <li>- Front view mirror to comply with EC directive 2003/97/EC for frontal field of view.</li> </ul>
Colours	<ul style="list-style-type: none"> <li>- Cab colour: H3279WHITE</li> <li>- Colour of the headlamp panel and the bumper: Stone Grey.</li> <li>- Cab steps and wing Stone Grey.</li> <li>- Chassis colour grey.</li> </ul>
Cab interior	<ul style="list-style-type: none"> <li>- <b>Steering wheel, finished with leather in black colour.</b></li> <li>- <b>Manually controlled airco with air recirculation.</b></li> <li>- <b>Adjustable arm rest at the inner side of the co-driver seat.</b></li> <li>- Right-hand drive.</li> <li>- Steering column rake adjustment with mechanical lock.</li> <li>- Air suspended driver seat with integral head restraint and three-point seat belt. Seat upholstery velour with vinyl rear.</li> <li>- Seat belts black.</li> <li>- Electric window openers.</li> <li>- Converter 24V to 12V, 15A, 180W.</li> </ul>
Communication and driving management	<ul style="list-style-type: none"> <li>- <b>Digital (smart) tachograph VDO DTCO with Global Navigation Satellite System (GNSS) receiver and Dedicated short-range communications (DSRC) unit, compliant to EU Annex 1C tachograph regulation.</b></li> <li>- <b>Speed limiter setting 85 km/h nominal. The tolerance enables a maximum vehicle speed of 88.5 km/h.</b></li> <li>- Speedometer with main scale in m/h and secondary scale in km/h.</li> <li>- Speaker system with 2 speakers.</li> <li>- Combi-antenna for AM/FM, GSM and GPS. GSM ranges 900 MHz, 1800 MHz and GPRS.</li> <li>- Driver Performance Assistant (DPA). Interactive programme to support the driver in achieving the most cost effective driving style. The DPA information is shown on the 5 inch full colour TFT display in the instrument panel.</li> </ul>
Safety and security	<ul style="list-style-type: none"> <li>- Lane Departure Warning System to prevent inadvertent lane changes due to driver's fatigue or distraction and to form an effective driving aid in low visibility conditions.</li> <li>- Electronic Vehicle Stability Control system (VSC) to enhance the active driving safety. Improved directional stability (understeer, oversteer jack-knifing) and additional roll-over safety.</li> </ul>
Suspension and axles	<ul style="list-style-type: none"> <li>- <b>Single reduction driven rear axle type SR8.22 with electronically controlled 2-bellow air suspension, including shock absorbers and stabiliser. Max. load 8.5 tonnes.</b></li> <li>- Front axle type F48. Parabolic leaf suspension with shock absorbers and stabiliser. Max. load 4.5 tonnes.</li> </ul>
Wheels and tyres	<ul style="list-style-type: none"> <li>- Front axle(s): tyre size 245/70R17.5, wheel size 17.5 x 6.75.</li> <li>- Driven rear axle(s): tyre size 245/70R17.5, wheel size 17.5 x 6.75.</li> </ul>

## Detailed Specification

	<ul style="list-style-type: none"> <li>- Supplier Goodyear.</li> <li>- Tyre Pressure Indication system. The system monitors speed differences between the wheels. Tyre pressure warnings are given on the LCD display in the instrument panel.</li> <li>- Steel disc wheels, silvergrey.</li> <li>- Wheel protection rings with open centre section, colour silver-grey (RAL 9006).</li> <li>- Spare wheel tyre not applicable.</li> </ul>
Driveline	<ul style="list-style-type: none"> <li>- <b>Rear axle ratio 3.73.</b></li> <li>- Engine PX-5, 4 cylinder diesel engine, 4.5 litres. Output 139 kW (189 hp) at 2300 rpm. Max. torque 745 Nm at 1200-1700 rpm.</li> <li>- Exhaust emission Euro 6.</li> <li>- Engine idle shutdown, after idling 5 minutes.</li> <li>- Manual gearbox, 6 speeds.</li> <li>- Manual overdrive gearbox type 6S800, ratio 6.58-0.78, 6 speeds.</li> <li>- The ASR (anti-slip regulation) system prevents the driven wheels from slipping when accelerating at driving off and helps the vehicle to remain stable on critical road surfaces.</li> <li>- On-board diagnostics (OBD) system compliant with Euro VI Step E requirements.</li> </ul>
Brake system	<ul style="list-style-type: none"> <li>- Exhaust brake. Function integration in the Electronic Brake System. If switched on with the steering wheel switch, the exhaust brake will operate on throttle release.</li> <li>- Park brake control.</li> </ul>
Chassis	<ul style="list-style-type: none"> <li>- <b>Rear light unit with LEDs.</b></li> <li>- <b>Rear underrun protection.</b></li> <li>- <b>Wheelbase 5.00 m / rear overhang 2.46 m.</b></li> <li>- <b>Rear light brackets.</b></li> <li>- Side member height 210 mm, thickness 6.0 mm. No inner reinforcement.</li> <li>- Standard location of chassis components.</li> <li>- EAS unit and rearward exhaust discharge at the right-hand side of the chassis.</li> <li>- Battery box at the left-hand side. No spare wheel carrier.</li> <li>- Plastic fuel tank 110 litres.</li> <li>- Fuel tank at the left-hand side of the chassis.</li> <li>- 30 litres tank for AdBlue® positioned at the right-hand side of the chassis.</li> <li>- Filler cap without lock for tank for AdBlue®.</li> <li>- Front underrun protection (FUP), according to EU directive 2000/40/EEC.</li> <li>- Spray suppression in the mudguards, according to directive 91/226/EEC.</li> </ul>
Drawbar and trailer equipment	<ul style="list-style-type: none"> <li>- <b>Type plate related solo application, trailer up to 3500 kg.</b></li> <li>- <b>Electric trailer connection 24 V with two 7-pin sockets. An additional 7-pin socket is mounted to connect the EBS system of the (semi-)trailer.</b></li> <li>- Closing cross member.</li> </ul>
Bodies and preparations for bodying	<ul style="list-style-type: none"> <li>- <b>Hardwired body signals and warnings.</b></li> <li>- <b>Application connector for tail lift control on the chassis (A088). Electric signals for -Cab tilt locked- and -Engine running-. Power supply 24 V after contact. Spare wiring to the dashboard. Includes dashboard indications for -Taillift control active- and -</b></li> </ul>

## Detailed Specification

	<ul style="list-style-type: none"> <li>- Tail lift down- and a signal for engine starter inhibit with tail lift not closed.</li> <li>- Standard body attachment hole pattern.</li> </ul>
24V power supply	<ul style="list-style-type: none"> <li>- Alternator 100 A, batteries 2x 175 Ah.</li> </ul>
GVM and GCM	<ul style="list-style-type: none"> <li>- Driveline related technical GCM max. is GVM max. plus 3500 kg.</li> <li>- Chassis weight related technical GVM max. 12000 kg.</li> </ul>
Application conditions	<ul style="list-style-type: none"> <li>- Moisture separator with 30 micron filter element and heated filter bowl. Status panel with drain warning on the dashboard.</li> <li>- Application class 10 comprises United Kingdom and Ireland.</li> <li>- Standard noise level.</li> <li>- Maximum ambient temperature 38 degrees.</li> <li>- Air intake high behind cab.</li> </ul>
Service and maintenance	<ul style="list-style-type: none"> <li>- Delete DAF 2 year Preventive Maintenance - 320k.</li> <li>- Warranty Plus - 2 Year Vehicle &amp; 3 Year Driveline - takes care of all warrantable repairs on the vehicle for two years and on the driveline for a third year together with associated breakdown coverage.</li> <li>- Standard Warranty takes care of 1 year complete vehicle as supplied by the OEM (excl. real wear parts), 2nd year driveline and 1st year breakdown.</li> <li>- ITS service.</li> <li>- Delivery charge United Kingdom.</li> </ul>
Vehicle delivery	<ul style="list-style-type: none"> <li>- Type plate EEC.</li> <li>- Whole Vehicle Type Approval (WVTA) for European Union.</li> </ul>
Customer needs	
Dealer options	<ul style="list-style-type: none"> <li>- Pre-delivery inspection, comprising a technical vehicle inspection and outside and inside cleaning.</li> </ul>
Third Party Work	<ul style="list-style-type: none"> <li>- Supply &amp; fit Pioneer Touchscreen Truck Specific Navigation &amp; Bluetooth CD/Radio/Apple CarPlay (2 years Warranty, not incl in R &amp; M) Requires Daf DAB prep</li> </ul>



