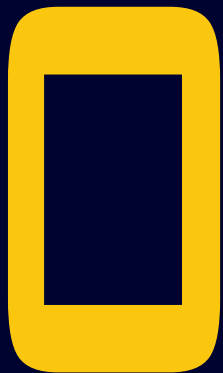
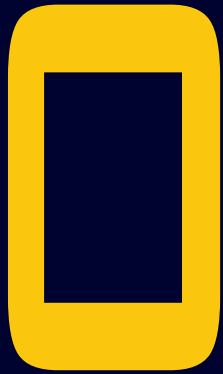


SERIES



SUPACAT

DEVELOPERS OF HIGH MOBILITY VEHICLES



Euro 3 5.9-litre turbo-charged diesel engine

Automatic transmission

Various cab configurations

Excellent off road mobility

Air portable - CH47 & C130

Versatile towing capability

High power to weight ratio

Air suspension

Variable ride height

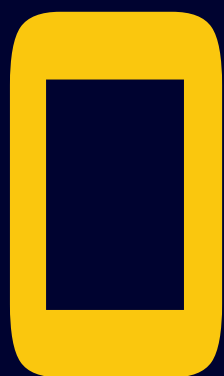
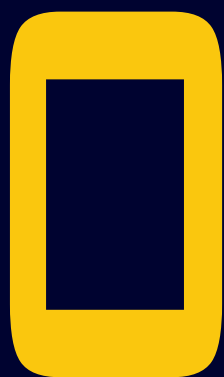
Ground clearance

Air out 180mm
On road 280mm
Off road 380mm
Max Clearance 530mm

Supacat | The Airfield | Dunkeswell | Honiton | Devon | England | EX14 4LF | (44) 01404 891777

www.supacat.com

High mobility transport designed and built by Supacat Ltd under licence from Lockheed Martin UK HMT Vehicles Ltd



SUPACAT

DEVELOPERS OF HIGH MOBILITY VEHICLES

Technical Data

Engine

Cummins 6 cylinder 5.9-litre turbo-charged diesel engine

Max Power 134 Kw (185 BHP) @ 2500 RPM

Max torque 650 Nm @ 1500 rpm

Cooling side mounted radiator and intercooler with remote coolant header tank, hydraulic driven, and thermostatically controlled fan.

Transmission

Allison 2500 series automatic 5 speed.

Transfer Case

2 speed via pneumatically operated selector.
Configuration gearbox isolation via air operated selector (enables vehicle to be towed).

Differentials

Trac-lock type limited slip. Configuration 2 or all wheel drive air operated multi-plate clutch.

Differential: Front 2WD/4WD (clutch)
Rear HI/LO (gearbox)

Suspension

Independent double wishbone front & rear Air-operated springs with variable ride height.

Dampers: Twin shock absorbers per wheel station

Ground clearance:

Air out 180mm

On-Road 280mm

Off-road 380mm

Max 530mm (load dependant)

Turning circle diameter, kerk to kerb 12.7 m

Steering

Power assisted steering. Configuration right or left hand drive. Steering column adjustment for rake and reach via foot operated air release/spring lock.

Wheels

Wheels: 20 in x 10 in Alloy one-piece drop well rims or run flat split rim system.

Tyres: Michelin 335/80R20 XML MPT TL 141 K

Brakes

Service brake: Air over hydraulic-actuated out board discs with ABS and for towing.

Park brake: Air released, spring actuated disc brake operating on all wheels, controlled by hand valve.

Fuel system

Main Tank: 147 Litres

Aux tank: 50 Litres

Electrical System

28 v d.c. (24v nominal battery voltage)

Batteries: 2 x 12v, 50 A-h sealed-for-life

Alternator: 1 x 24v, 90A output

Auxiliary electrical system can be fitted.

Chassis Frame

Welded steel box section integral structure with steel fabricated or aluminium suspension carriers.

Cab

2 Man open cab; welded aluminium folded panel structure.

Weight

Axle 1 3500 kg

Axle 2 3500 kg

UW 4700 kg

GVW 7000 kg

Trailer weight not to exceed 3500 kg

Performance

Max Governed speed, prepared surface 90 km/h

Max Towing speed 80 km/h

Max Speed reverse 15 km/h

Sustainable crawl speed 3.5 km/h

Speed restriction at suspension max/min 10 km/h max

Every effort has been made to ensure that the information and details contained in the text of this document were accurate as of publication. The company however reserves the right, to introduce at any time modifications, changes of details, equipment or accessories as may be necessary to improve the specification described or for any other reason, but to avoid any misunderstandings any person interested should enquire of the company as to whether there have been alterations since the date of issue of this document. Issue 1.0 June 2007.