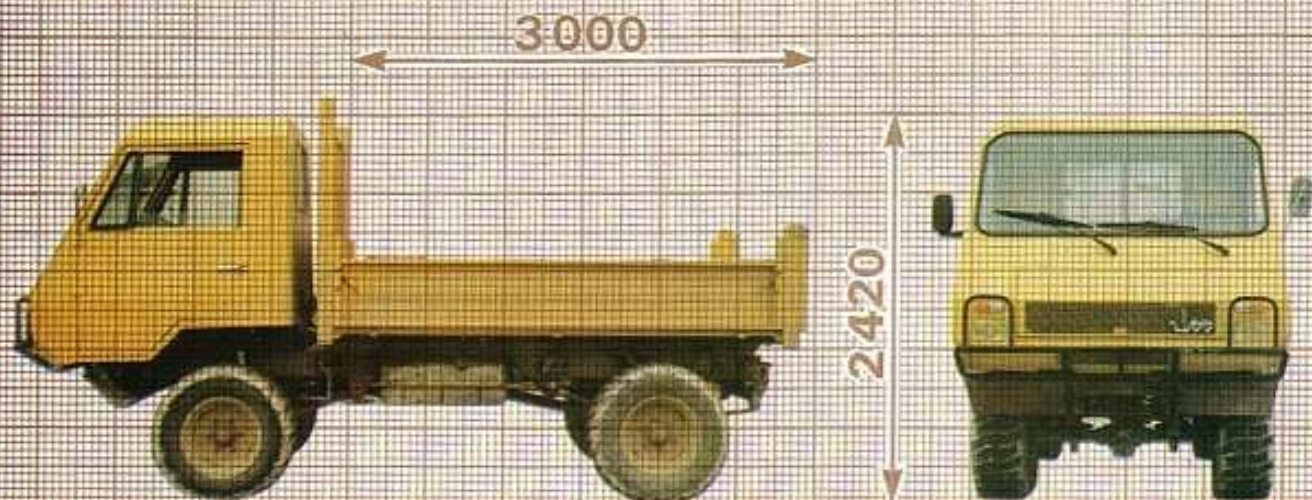


# BRIMONT



**3,5t generous**  
**4x4 ardent**

 **brimont**



## WEIGHT

G.V.W.R. ....	3 500 Kg (7 717 lbs)
Weight empty (chassis - cab) .	2 000 Kg (4 410 lbs)
Payload .....	1 500 Kg (3 307,50 lbs)
Max. load on front axle.....	1 800 Kg (3 969 lbs)
Max. payload on front axle .....	425 Kg (937 lbs)
Max. load on rear axle .....	2 400 Kg (5 292 lbs)
Max. payload on rear axle....	1 200 Kg (2 646 lbs)
Max. towage load .....	3 000 Kg (6 615 lbs)

## ENGINE

Peugeot turbo charged Diesel.  
XD3T type (similar to Peugeot 505, 604, P4).  
4 cylinders in line.  
Water cooling.  
Injection system ..... combustion chamber  
Ricardo Comet V  
Abor/stroke ..... 94 mm x 90 mm  
Capacity ..... 2 498 cm<sup>3</sup>  
Max. DIN output ..... 95 HP at 4 150 RPM  
Max. torque ..... 21 mdaN at 2 000 RPM

## DRIVE LINE

Clutch ..... Peugeot, single dry disc.  
Gear box . mechanical with 5 synchronized ratios.

1st	2nd	3rd	4th	5th	rear
3,876	2,183	1,445	1,000	0,844	3,577

Transfer case ..... 2 ranges  
1,9 to 36,5 Km/h (1,18 to 22,70 miles)  
5,5 to 105 Km/h (3,42 to 65,30 miles)  
Rigid axles with single reduction and hypoid drive gears 8 x 43. For «on highway» driving (high speed), the rear axle can be declutched (front wheel drive only).

## SUSPENSIONS

Front : by helicoidal springs and rods connected by flexible bushes. Anti-sway bar and Panhard rod. Adjustable double acting telescopic hydraulic shock absorbers.  
Rear : by parabolical double leaf springs. Anti-sway bar - Rigid double acting hydraulic shock absorbers.

## BRAKING

Powered by Master Vac and vaccum pump.  
Double circuit by dual master cylinder.  
Braking modulator on rear axle.  
Front brakes with discs and fixed calipers and 4 pistons.  
Rear brakes : drum with hydraulical and mechanical control.  
Parking brake.

## STEERING

Z.F. hydraulically powered. Type : ball roller screw.

## ELECTRICITY

Batteries 12 V - 95 Ah. Lighting and signal system up to date with Nato standards. Iodine lights.

## CHASSIS

Straight, side and cross members welded, high elasticity steel.

## CAB

Tilting - 2 seats.  
Dash board with tachometer - totalizer - fuel gauge - water temperature display-alternator loading display - heater and defroster.

## MISCELLANEOUS

4 wheels and spare wheel : tyres : 10,5 x 18 Dunlop.  
Towing hook.

## OPTIONS

- Differential locking device on front or/and rear axle.
- P.T.O. on transfer case.
- 6 seats cab.
- Automatical gear box.
- Front winch.

### Performances

Max. speed .....	105 Km/h
Climbs slopes.....	to 45° (100%)
Stability on lateral slope .....	to 30%
Turning radius .....	5,60 m

### Applications

- CIVIL PROTECTION
- THE ARMY
- HEAVY DUTY WORK
- ELECTRICAL WORK,  
FORESTRY AND  
AGRICULTURAL WORK,  
LEISURE ...
- FORESTRY FIRE FIGHTING
- DISASTER IN RURAL ZONE





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