



C 500 H  
C 500 H x4



FullGrip® System exclusivo AUSA:  
Tracción integral por discos múltiples conectable electro-hidráulicamente desde el mando joystick.

Exclusive AUSA FullGrip® System:  
On demand 4WD connectable by means multiple discs with electro-hydraulic engagement from the joystick.

FullGrip® System de AUSA:  
4 RM sur demande au moyen de disques multiples avec connexion electro-hydraulique depuis le joystick.

AUSA FullGrip® System:  
Elektrohydraulisch, zuschaltbarer Allradantrieb – am Joystick zu betätigen.



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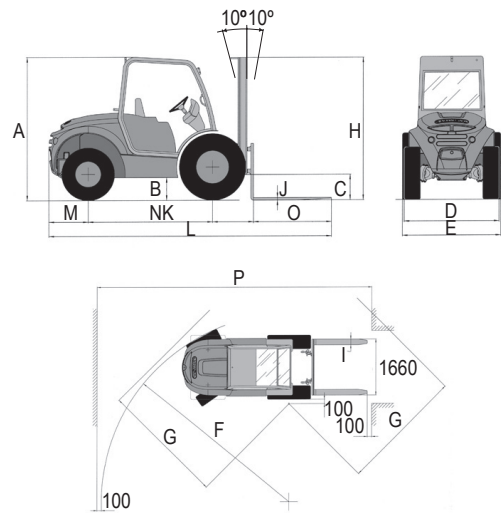


# C 500 H/x4\_500Kg



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| DIMENSIONS (mm) | C 500 H | C 500 Hx4 |
|-----------------|---------|-----------|
| A               | 2335    | 2335      |
| B               | 270     | 280       |
| C               | 300     | 300       |
| D               | 1640    | 1700      |
| E               | 2000    | 2000      |
| F               | 3560    | 4380      |
| G               | 3050    | 3205      |
| I               | 130     | 130       |
| J               | 60      | 60        |
| K               | 728     | 728       |
| L               | 4623    | 4623      |
| M               | 705     | 645       |
| N               | 1990    | 2050      |
| O               | 1200    | 1200      |
| P               | 5680    | 6820      |



| Type of mast        | Maximum lifting height (mm) | Free lift (mm) | H                                       |  | Load (Kg) at max. height according stability test standard (A/B)* |                          |
|---------------------|-----------------------------|----------------|---|--|---|--------------------------|
|                     |                             |                | Machine height with mast retracted (mm) | Machine height with mast extended (mm) | (A)   | (B)                      |
| Duplex (Std.)       | 3700                        | 100            | C 500 H                                 | C 500 Hx4                              | C 500 H/x4  | C 500 H / Hx4 Version HI |
| Duplex              | 4500                        | 100            | 2750                                    | 4585                                   | 5000  | 5000                     |
| Triplex (free lift) | 4250                        | 1393           | 3150                                    | 5385                                   | 4800  | 5000                     |
| Triplex (free lift) | 5450                        | 1793           | 2350                                    | 5262                                   | 5000  | 5000                     |
| Triplex (free lift) | 6800                        | 2243           | 2750                                    | 6462                                   | 1500  | 4250                     |
| Triplex (free lift) |                             |                | 3200                                    | 7812                                   | 600   | 3000                     |

## TECHNICAL SPECIFICATIONS

|   | C 500 H  | C 500 Hx4   |
|---|--|---|
| <b>Load capacity (Kg) @ Centre of gravity</b>     | 5000 a 600mm   |   |
| <b>Lifting height (Standard duplex mast) (mm)</b> | 3700   |   |
| <b>Engine</b>                                     | Turbodiesel Deutz TD 3.6 L4  |   |
| EU Stage IIIB/US EPA Tier4                        | Power acc./ SAE J 1995 (KW/HP) 55/75                                 |   |
|   | N° of cylinders 4  |   |
|   | Cooling system Water   |   |
|   | Post combustion treatment technology Diesel Oxidation Catalyst (DOC) |   |
| <b>Engine</b>                                     | Turbodiesel KUBOTA V 3600-T (IDI)                                    |   |
| EU Stage IIIA/US Tier3                            | Power acc./ SAE J 1995 (KW/HP) 63 / 85.6                             |   |
|   | N° of cylinders 4  |   |
|   | Cooling system Water   |   |
| <b>Traction</b>                                   | 4x2 with selflock limited slip differential in front axle            | 4x4 FullGrip® with selflock limited slip differential in front axle |
| <b>Transmission</b>                               | Hydrostatic with variable flow pump and automatic regulation         |   |
|   | Electric gear in joystick  |   |
|   | Inching pedal  |   |
| <b>Unladen weight (Kg) (with full tanks)</b>      | 7500   | 7600  |
| <b>Gradient negotiable (with full load)</b>       | 30%  |   |
| <b>Speed (Maximum) (Km/h)</b>                     | 20   |   |
| <b>Engine starting system</b>                     | Electric   |   |
| <b>Tyres</b>                                      | Front 18-19.5 TL 16 PR (C500H / Hx4)                                 | Rear 8.15-15 (C500H) - 10.0 / 75-15.3 (C500Hx4)                     |
| <b>Steering</b>                                   | Hydraulic. Working pressure 150 bar                                  |   |
| <b>External turning circle (mm)</b>               | 3560   | 4380  |
| <b>Tank capacity (l)</b>                          | Fuel 120   | Hydraulic fluid 95  |
| <b>Service brake</b>                              | Oil-immersed, multidisc, hydraulically driven                        |   |
| <b>Parking brake</b>                              | Oil-immersed, multidisc, hydraulically driven                        |   |
| <b>Hydraulic circuit</b>                          | 30 - 10.6 cc. double gear pump                                       |   |
| <b>Operating pressures for accessories (bar)</b>  | 230+5  |   |
| <b>Forkcarriage</b>                               | FEM 4 - Width:1660 mm  |   |
| <b>Stability test standard</b>                    | (A)* For rough terrain use – Models H – ISO 22915-13                 | (B)* For industrial use – Models HI – ISO 22915-2                   |

## STANDARD EQUIPMENT

- Open and tilting cabin
- Ergonomic and comfort seat with height, weight and distance adjustable with seat belt
- Rear-view mirrors
- Joystick with integrated functions
- Rotating beacon
- Audible reverse warning
- 3th auxiliary hydraulic service
- Side-shift
- Selflock limited slip differential in front axle (LSD)

## OPTIONAL EQUIPMENT

- Semi-closed cabin
- Closed cabin with heater
- Air conditioning
- Electronic anti-theft protection system
- Radio/Stereo CD
- Homologated lighting system
- Catalytic converter
- Spark arrestor
- Limited slip differential in front axle (Only mod. C 500 H Version HI)
- 4th auxiliary hydraulic service
- 5th auxiliary hydraulic service
- 600, 800 and 1000 l hydraulic buckets
- Load backrest
- Enhanced heater for Nordic countries
- Many other attachments fitted with manufacturer warranty