

TECHNICAL FOCUS ON CARGO-LIFT

Technical Guide for Hook-Lift Systems

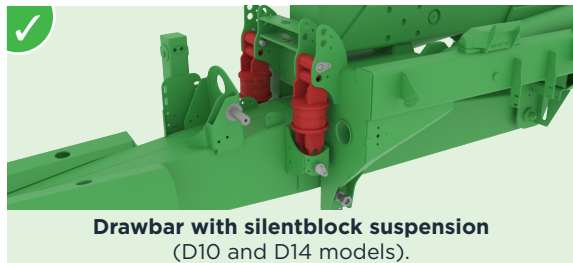


JOSKIN®

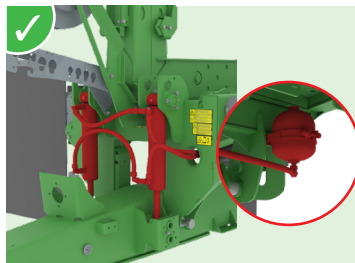
CARGO-LIFT

FLEXIBLE SOLUTION FOR PROFESSIONALS

Standard ✓ or Optional + Equipment



Drawbar with silentblock suspension
(D10 and D14 models).



Hydropneumatic drawbar suspension with 2 cylinders and 1 nitrogen accumulator (D18, D22, T22 and T30 models - optional on D10 and D14). Optimal chassis angle for a higher pullout force and easier loading and unloading.



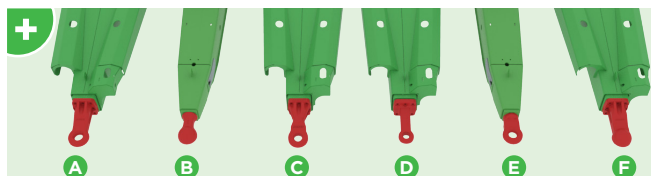
Height-adjustable drawbar
(2 or 3 positions depending on model).



Adjustable rail for adapting the suspension and angle of the drawbar and chassis.

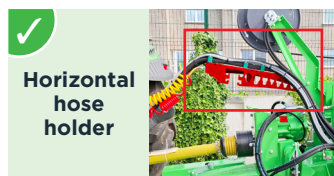


Automatic height adjustment of the hydropneumatic drawbar suspension + sensor.



Wide choice of eyelets

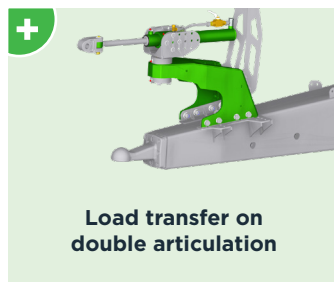
- (A) Bolted Ø 50 mm flat eye (standard on D10 and D14)
- (B) Integrated Ø 80 mm knee-joint eyelet (standard on D18, D22, T22 and T30)
- (C) Bolted Ø 50 mm swivel eye
- (D) Bolted Ø 40 mm flat eye
- (E) Integrated Ø 50 mm swivel eye
- (F) Bolted Ø 80 mm knee-joint eyelet



Horizontal hose holder



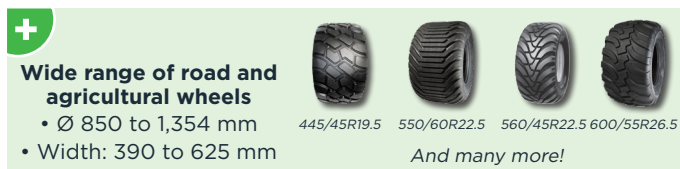
Numerous rigid pipes for clean installation and better oil circulation.



Load transfer on double articulation



Polyethylene box
(600 x 480 x 400 mm)



Wide range of road and agricultural wheels

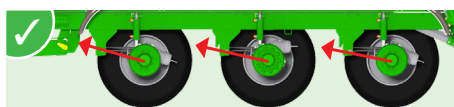
- Ø 850 to 1,354 mm
- Width: 390 to 625 mm



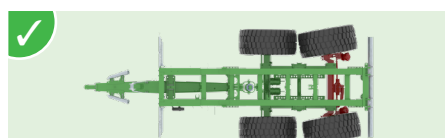
And many more!



Parabolic leaf suspension
(D10, D14 and D18 models).



Hydraulic suspension (standard on D22, T22 and T30, optional on D18) for improved stability and maximal chassis angle, which increase the pullout force.



Free-steering axle with manual locking above 15 km/h and when reversing (standard on D22 and optional on D10, D14 and D18).



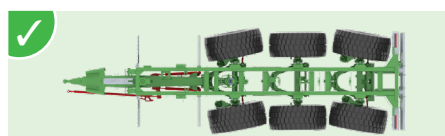
Load-proportional air brakes with leaf or hydraulic suspension.



Front lifting axle (up to 150 mm high on triple-axle models) to limit wear on the road and increase the load on the tractor when needed.



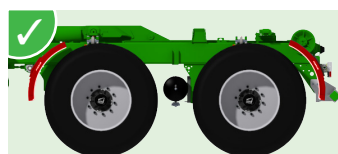
Automatic height adjustment of the hydraulic suspension.



Self-steering system always active when driving forward and reversing, regardless of the speed (front and rear axles on T22 and T30, rear axle as an option on D18 and D22).



Adjustment of the steering angles on steering axles according to the size of the wheels and the road width allowed by CE standards.



Thermoplastic mudguards



PVC "half-moon" mudguards + front and rear protective mud flaps



Caps with arrows indicating any nut loosening



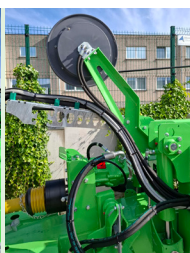
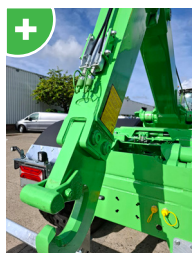
Protective flaps at the front of the chassis



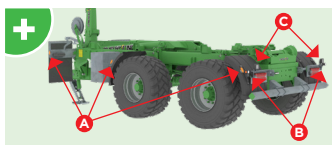
Rear LED flash bar



Full LED lighting, bumpers complying with the CE standards and optional rear hitch with all the necessary connections (hydraulic functions, air, etc.).



Hydraulic connections on the arm with reel at the front for a possible cover system or the use of special containers.



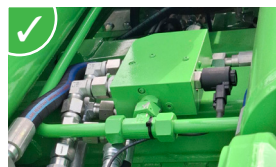
**(A) Side marker lights
(B) End outline marker lamps
(C) 2 adjustable rear work lights**



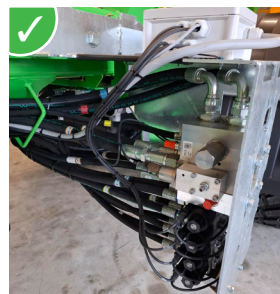
Agricultural pump (230 bar) on T22 (optional on tandem models) or industrial pump (350 bar) on T30.



Stainless steel oil tank for hydraulic pumps (T22 and T30).



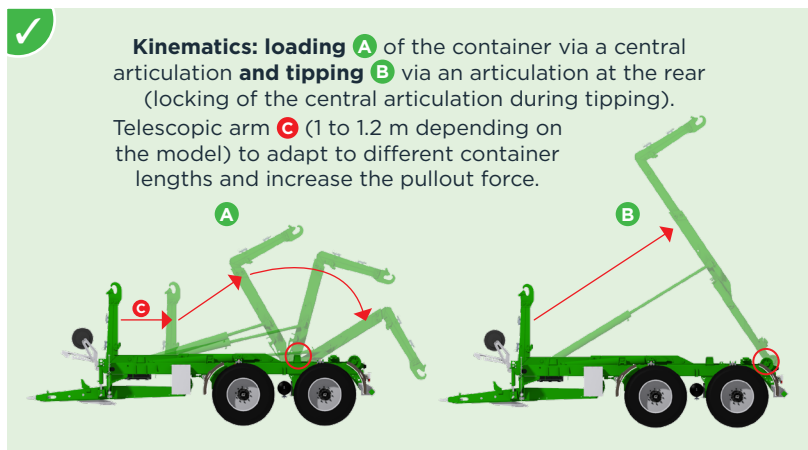
Automatic control block for loading and unloading.



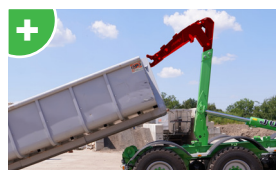
Full electrohydraulic control protected by a lid (optional on D10 and D14).



Document tube and individualised spare parts book for every machine



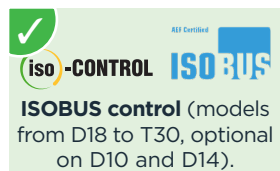
Kinematics: loading (A) of the container via a central articulation and tipping (B) via an articulation at the rear (locking of the central articulation during tipping). Telescopic arm (C) (1 to 1.2 m depending on the model) to adapt to different container lengths and increase the pullout force.



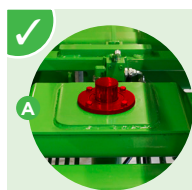
Articulated arm to reduce the angle of the container during loading and limit spillage of transported materials (models from D18 to T30).



In-cab control box (D10 and D14 models).



ISO-BUS control (models from D18 to T30, optional on D10 and D14).



Tipping-assist cylinder (A), which pushes the arm vertically, making it easier to lift off (D18, D22, T22 and T30). Pre-equipment (B) on D14.



Ertalon support for the telescopic arm.



ISO-BUS displays (A) Iso-CONTROL 306 (B) Iso-CONTROL TOUCH 1000



Double safety hook to secure the load on the road.



3 bolted, interchangeable hook options (height: 1.43, 1.45 or 1.57 m) depending on the position of the container lifting ring.



Axle stabilisation stop devices when pulling out.

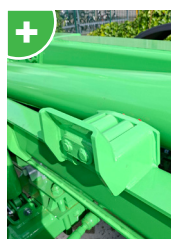


Arm locking via positioning rails.

SPECIAL EQUIPMENT FOR SVENSK STANDARDS (SWEDEN)



Long hook (BUSI)



Higher support (machine height: + 6 cm) and sliding roller.



Rollers with a larger diameter

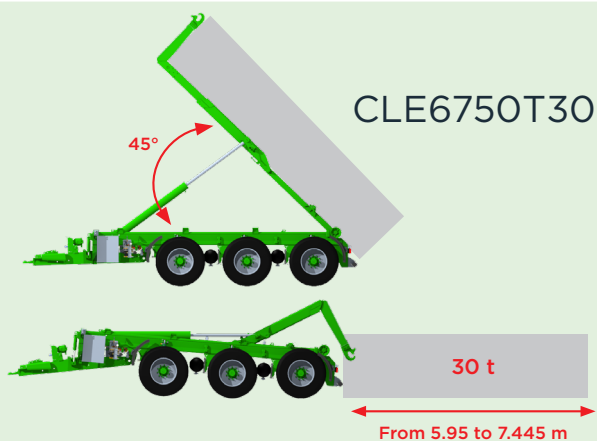
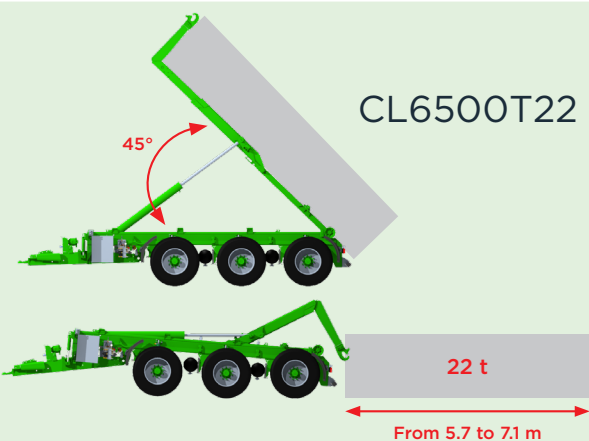
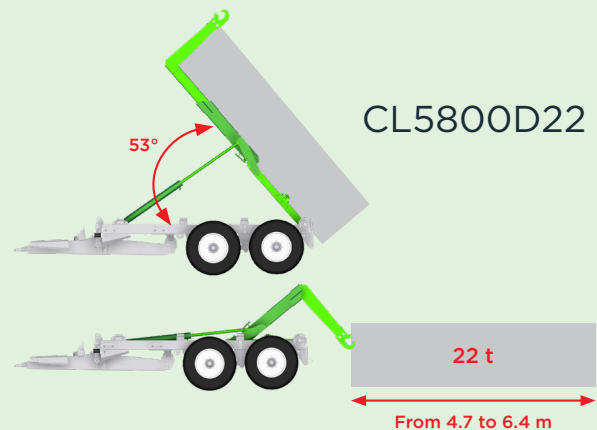
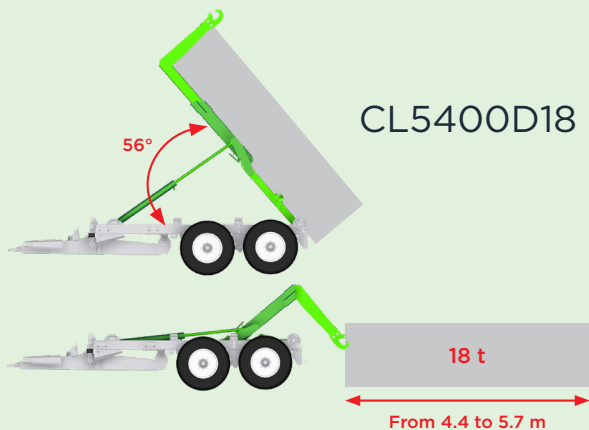
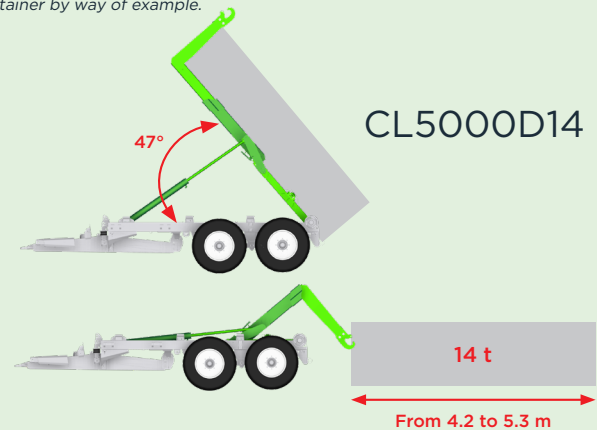
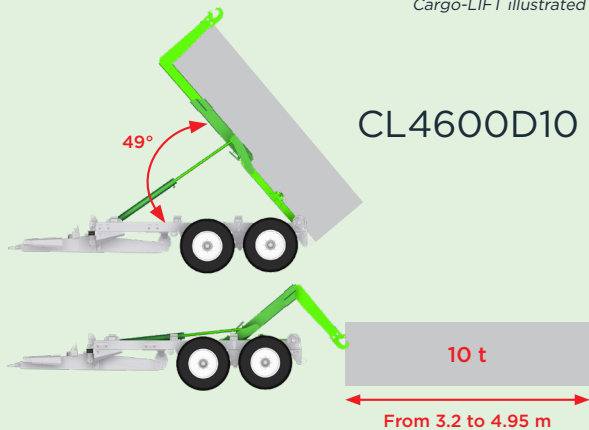


Clamping from the outside via inverted locking hook.

CARGO-LIFT RANGE

PROFESSIONAL HOOK-LIFT SYSTEMS

Cargo-LIFT illustrated with a container by way of example.



Understanding the Cargo-LIFT reference: the first 2 letters indicate the Cargo-LIFT CL range, the next 4 numbers indicate the chassis length (in mm), the next letter indicates the number of axles (D = double axle, T = triple axle) and the last two numbers indicate the pullout force (in t).

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