



AGRICULTURE

SOLUTIONS



Hyva Hookloader

Designed to match your applications.

The hookloader trailer combination can be used with a range of applications such as a tipper body or for specific containers, for example for sand, harvested crops, liquid or solid fertilisers. Increased capacity, better stability and flexibility of container type all contribute to more efficient and cost-effective transport operations.



Electrically operated 12v / 24v

The Hyva Hookloader is actuated directly from the tractor, with different pressure and flow rates for increased working speeds and heavy duty conditions. Other options include wet kits, pneumatic valves, electro/hydraulic systems and radio remote controls.



MODEL RANGE

HYVA Equipment			Truck Chassis		Container
Model	Lifting Capacity	Type	GVW	Axles	Length (min-max)
T12	12 Tonnes	S	14-18 Tonnes	2	3.4-6.4m
T14	14 Tonnes	S	16-20 Tonnes	2	3.4-6.6m
T16	16 Tonnes	S	18-26 Tonnes	2/3	3.6-6.8m
T18	18 Tonnes	S	22-30 Tonnes	3	3.7-7.3m
T20	20 Tonnes	S,SK	26-32 Tonnes	3	3.1-7.6m
T22	22 Tonnes	S,SK	26-35 Tonnes	3/4	3.1-7.6m
T26	26 Tonnes	S,SK	30-37 Tonnes	4	3.1-9.1m
T30	30 Tonnes	S,SK	35-40 Tonnes	4/5	3.4-8.6m

OPTIONS



Standard Pneumatic
i.c.w. Valve block



Electric Valve Block



Warning Lights



Hand Pump



TRAILER VARIANT



LOW BUILT HEIGHT

Hyva supplies special agricultural trailer hookloaders which have low build up height and sink down into the trailer frame. Resulting in higher volume, more payload, and a better stability due to its low center of gravity

SIMPLE INTUITIVE OPERATION

For agricultural container handling systems, Hyva Hookloaders options are available with various options for system actuation. With a basic specification, the hookloader is actuated directly from the tractor. Other options include a separate wet kit, pneumatic actuated valves, electro/hydraulic systems or control using a radio remote. Advanced options facilitate operation at higher pressures, increased working speeds and heavy duty conditions.



VERSATILE AND PRODUCTIVE

The hookloader trailer can be used for containers with a range of specific applications, for example for sand, harvested crops or liquid or solid fertilisers. The system helps to contribute to more efficient and cost-effective operations by offering increased capacity, better stability and flexibility of container type.

COST SAVING

The agricultural hookloader mostly revert to as carrier is a major saving for agricultural companies. Instead of having multiple trailers for multiple application waiting to be used (seasonally) the carrier is always in use and only the container with a certain application will be swapped. This saves a lot of down time of the trailers frames and therefore money. The hookloaders can be used for multiple applications such as: tipper body, for sand or harvested crops, liquid and solid fertilizer or transporting other material.



MULTIPLE OPTIONS

The wet kit can be combined with a pneumatic valve block (if air is available) otherwise Hyva Hookloaders can supply electro/hydraulic solutions with special heavy duty agricultural remote control. All Hyva Hookloaders options are available for these agricultural container handling systems.

The concept of the agricultural hookloaders enables that the trailers and the hookloaders are produced simultaneously on different places which enables a short delivery time for the customer. These trailers are produced in varying configurations from 1 to 4 axle trailers with 1 to 3 steer able and sometimes with liftable axles on leaf, air or hydraulic springs with small or extreme wide tyres depending on the application and soil surface .



Hyva can supply the hookloader in multiple configurations, the trailer including axles and coupling will be manufactured by the customer.

ST(A) system

An ST(A)* subframe consists of:

- Front member (cylinder bridge)
- Rear member (rear hinge)
- Center locks
- Cross members
- Container supports



ST(B) system



An ST(B)* subframe consists of:

- Front member (cylinder bridge)
- Rear member (rear hinge)
- Center locks

ST(C) system

An ST(C) subframe consists of:

- Full subframe
- Front member (cylinder bridge)
- Rear member (rear hinge)
- Center locks
- Cross members
- Container supports

All parts are in the ST(C) system, except main valve block and support of main valve block. it's for building in existing underframe



*ST(A) & ST(B) allow for construction of very narrow carrier/hookloader combination i.c.w wide tires and still have an overall narrow width

UNDER BODY TIPPING

Designed to match your applications.

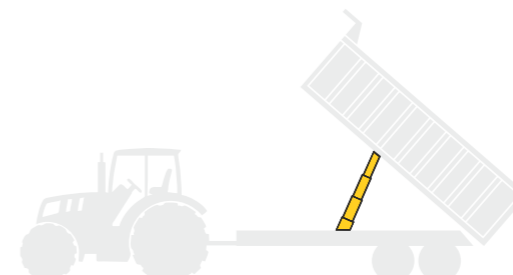
UHB



*Innovative tube self centering design
Standard full hard chrome plated
Short built in heights
High lifting force with pressures up to 280 Bar
Compact build and durable
Hyva Alpha quality tube and seal design*

ADVANTAGES

- ✓ Proven Hyva Alpha concept.
- ✓ Chromed tube surface.
- ✓ Abrasion resistant even in harsh environments.
- ✓ Serviceability
 - bottom plate removal
 - bottom and trunnion separated
- ✓ Faster tipping.
- ✓ Minimal downtime with a durable product which performs in even the toughest environments.
- ✓ The renowned Hyva Quality fit and promise of reliability for long term piece of mind.
- ✓ Increased payload and maximum performance using low weight high strength materials.
- ✓ A full extensive range of products for various applications.
- ✓ Long seal life to reduce maintenance requirements.
- ✓ Cradles and brackets – providing optimal tipping performance by avoiding.



New modular cradle design



Cradle without knock off



Hydraulic knock off



Pneumatic knock off

*Low weight casted component
Standardised modular design
Improved serviceability and repair access.
High lifting force with durable design*



UL

FEATURES		HYVA CYLINDER		
Maximum working pressure of 190 Bar		High tipping capacity		
Hard chromed stages		Abrasion resistant even in harsh environments		
Superior stop rings		Faster tipping		
Lifting force up to 13 Tons		Fit for application		
Available in ball and eye version		For side or rear tipping		
Interchangeable with most underbody cylinders		Easy maintenance		
Stroke up to 2000 mm		Meets all desired tipping angles		
Built-in length from 410 to 585 mm		Can be mounted in nearly any tipper		
1 st stage diameter	77 mm	93 mm	110 mm	
Stages	2/3	2/3/4	2/3/4/5	



UME



FEATURES		HYVA CYLINDER			
Maximum working pressure of 220 Bar		High tipping capacity			
Hard chromed stages		Abrasion resistant even in harsh environments			
Superior stop rings		Faster tipping			
Lifting force up to 38 Tons		Fit for application			
Available in ball and eye version		For side or rear tipping			
Interchangeable with most underbody cylinders		Easy maintenance			
Stroke up to 4000 mm		Meets all desired tipping angles			
Built-in length from 410 to 890 mm		Can be mounted in nearly any tipper			
1 st stage diameter	129 mm	149 mm	169 mm	191 mm	
Stages	3/4/5/6	3/4/5/6	4/5/6/7	4/5/6/7/8	



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130 countries
2,500 employees
25,000 customers
37 subsidiaries
12 production facilities



Hyva is a leading provider of innovative and highly efficient transport solutions for commercial vehicles used in transport, construction, mining, materials handling and environmental service industries.

Founded in 1979 in the Netherlands, the company has a global presence with 37 fully owned subsidiaries, extraordinary service coverage and 12 manufacturing facilities in Brazil, China, Europe and India.

For more information on Hyva, please visit www.hyva.com

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