

THE LATEST BENCHMARK IN
STRENGTH, DURABILITY AND INNOVATION.



THE ALL-NEW HYVA
TITAN SKIPLOADER

CONTAINER HANDLING SYSTEMS

WE REENGINEERED OUR SKIPLOADERS TO MAXIMIZE YOUR PRODUCTIVITY AND PROFITABILITY



THE NEW TITAN SKIPLOADER: SAVE TIME, REDUCE COSTS AND INCREASE EFFICIENCY.

- Carry heavier payloads with the high strength, low-weight steelfloor, while adhering to the permissible limit
- Load multiple containers, reduce the number of trips to get the job done with the Titan Skiploader
- Increase manoeuvrability and precision during the skip's loading and positioning with the new cranked TAZ lifting arm design
- Enhanced safety features forewarn operators and protect them from many dangerous situations
- Cut installation time drastically with the new, fully-boltable mounting kits
- High-quality, factory-finishing to deliver long-lasting value
- Make a long-lasting investment in a product renowned for reliability, low maintenance and ease of service and repairs

Add to this our Intuitive Titan Radio Remote Control (TRR) and you have a powerful, hardworking partner for life.



STEPPER MOTOR SPOOL

Valve blocks now use stepper motor spools empowering precise control of hydraulics and **smoother user experience**. This also takes away the need for a cover in front of the control station manual levers in case the Titan Radio Remote is used.



TITAN RADIO REMOTE CONTROL (TRR)

The Titan Radio Remote Control (TRR) provides **total control of all functions** of the skiploader including arms, operational functions, stabiliser jacks, lights and much more.



QUICK-BOLT SYSTEM

Our specially designed QIK mounting kits for leading OEM truck brands bolt seamlessly onto the chassis and the superstructure, resulting in **safe, quality builds, and reduced installation time**.

TITAN SKIPLOADERS. **BORN TO WORK CONSISTENTLY AND WITH VERY LITTLE MAINTENANCE IN DEMANDING WASTE AND CONSTRUCTION ENVIRONMENTS**



ABS
ANTI-BUCKLING SYSTEM

ANTI-BUCKLING SYSTEM

The Anti-Buckling System features integrated electronic safety interlocks to ensure **safer operations**.

TWS
TITAN WEIGHING SYSTEM

TITAN DYNAMIC WEIGHING SYSTEM

The TWS's intelligent algorithm can **automatically calculate the weight of the lifted container**.

EES
EXTRA EXTENSION SPEED

EXTRA EXTENSION SPEED

Fast lift speed operations supported by low friction guide plates to ensure a **smooth and low-maintenance extension system**.

A MASTERPIECE OF FORM AND FUNCTION. COULD TITAN SKIPLOADERS MATCH YOUR NEEDS BETTER THAN ANYTHING ELSE?

We gave our engineers a simple brief: Reinvent the skiploader from the ground up to answer the market's most pressing needs.



INDUSTRIES SERVED BY HYVA TITAN SKIPLOADER



RECYCLING



METAL
WORKS



WASTE
HANDLING



GARDENING



MUNICIPALITY



CONSTRUCTION



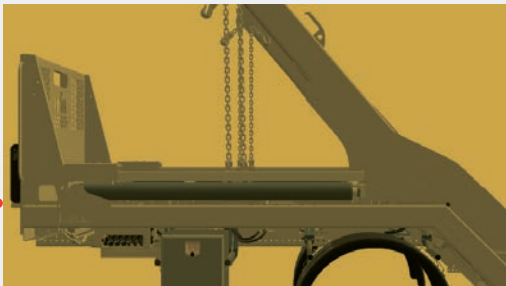
PLATFORM

- Abrasion-resistant floor plates with guaranteed high-quality anti-corrosion paints
- Precise, robot welded, and constructed from high-tensile materials
- Integrated rear collision bar
- Sturdy protection frames that can accommodate original rear tail lights
- Impact-resistant steel protection plates for main cylinder
- Easy to clean platform



LIFTING ARMS

- Directly welded to torsion tube
- The ultimate high strength large diameter continuous torsion tube ensure a longer life
- Certified high quality lifting chains with optional chain shorteners
- Precise synchronisation of arm movements for harmonised or independent action
- Telescopic arms that have the longest reach, with a length of 1450mm



HYDRAULICS

- System prevents buckling of cylinder rods when extending main cylinders
- Safety interlocks covers are built in – controls are managed either through valve levers or radio remote
- Hydraulic valve control with a stepper motor spool control offers a dynamic response spool movement, resulting in precise control of container bin and lower pressure/energy losses
- Pneumatically operated tipping hook
- Hydraulic hoses are well hidden and protected inside the arms, ensuring reliability and durability
- Powerful Hydraulic Clamp System (HCS) for secure locking of container bin and press containers



ELECTRICS

- LED warning lights for any unsafe operations
- All electrical components have IP65 enclosures which offer complete protection against moisture and the weather
- Besides the Titan Radio Remote all Skiploaders standardly also do feature a control station with manual levers on the side of the system



GENERAL

- Various types of tipping arrangements can be delivered to suit the multiple container types
- Systems are shot blasted and powder coated
- Designed and fabricated according to the CE-regulations and marked CE
- Maximum pressure of 310 bar.
- Easy serviceability, with optional maintenance contracts

HOW OUR INNOVATIONS ARE **CHANGING THE GAME.**

Real solutions that are the result of ingenuity and intelligent engineering

From a wide range of arms available, Hyva's Titan Skiploader arms ensure that you cover the largest working area, reduce the risks of misalignment and simplify loading, tipping or stacking of containers on the trailers – increasing productivity substantially.

The new design of the arms renders them lighter yet stronger, enabling longer telescopic reach. This allows operations such as loading between containers onto a trailer without the need for any accessories, as well as

loading/unloading an empty container over a (loaded) container. Such features save time when containers need to be switched over on a truck, on a trailer or on the ground.

The lifting arms are mounted onto a platform that is precisely robot-welded, ensuring better quality and strength, while the high tensile steel floor is strong yet lightweight, to accommodate an increased payload – an ingenious combination. With the telescopic hoses protected inside the

arms, it is impossible for a container to damage them.

A key innovation is the new range of arms available on bolttable skiploaders – a concept that enables quick, easy and precise installation every single time, using truck-specific mounting brackets.



POWDER COATING

As first on the market Hyva is standard fully powder coating the skiploader. The systems are shot blasted and powder coated to ensure full corrosion resistance for total lifetime of the skiploader.

FROM THE **LONGEST AND STRONGEST ARMS** TO ONES THAT MANOEUVRE SUPERBLY.

Fit-for-purpose solutions that get the job done



XL: THE POWERFUL, FIXED LIFT

Hyva's powerful XL fixed arms are ideal for applications where the same type of skips are used and they do not have to be loaded on trailers or docks.



TAXL: STRONGER, LONGER REACH

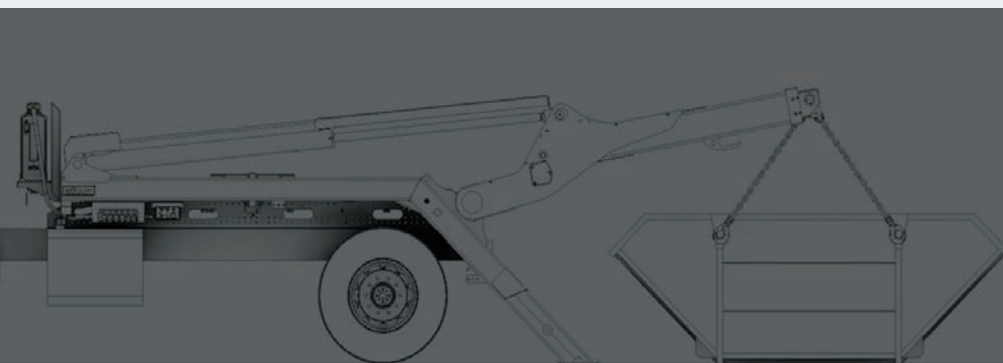
The TAXL telescopic arms are the longest and strongest in the industry. Operate the arms together or independently to handle bigger skip containers - over high fences, trailers or docks.



TAZ: MORE FREEDOM, BETTER HANDLING

The new TAZ arms provide better manoeuvrability and free space during the skip's loading and positioning process due to its cranked TAZ design. Available in capacities of 12, 14 or 18 tons.

Longest reach available on the market



THE TAZ CRANKED TELESCOPIC ARM

Hyva's Titan Skiploader has the highest lifting capacity and longest telescopic reach in the market. A specially engineered curve makes it easier to rotate containers underneath the arm, protects the paint work from scratches and enables precise lifting over fences, walls and hedges

MODEL RANGE

HYVA EQUIPMENT					TRUCK CHASSIS
Model	Lifting Capacity (Retracted)	Lifting Capacity (Extended)	Type	GVW	Axles
SL2012	12 Tonnes	8 Tonnes	Standard, Telescopic	16-22 Tonnes	4X2/4X4
SL2014	14 Tonnes	9.3 Tonnes	Standard, Telescopic	18-22 Tonnes	4X2/4X4
SL2018	18 Tonnes	12 Tonnes	Standard, Telescopic	18-32 Tonnes	6X2/6X4



SAFETY FIRST WITH OUR **REVOLUTIONARY TRR SYSTEM**: ENABLING AN UNRESTRICTED VIEW OF THE WORK ENVIRONMENT.



The intuitive Titan Radio Remote (TRR) is a 'one hand' operated, ergonomic control that makes delicate and difficult handling simpler and easier. It enables precision operations, including hydraulic load sensing and fast lift-off combinations with the simultaneous operation of support legs, main arms and telescopic arms. With the TRR you can:

-  Avoid potential hazards.
-  Position skips more accurately
-  Activate emergency stop with the built-in Anti-Buckling Safety feature using electronic safety interlocks.
-  Start, stop or modulate engine power.
-  Reduce fuel costs and impact on the environment.

The heavy-duty remote features a high-contrast LED backlit screen, and is lightweight, waterproof and glove-friendly. It comes with a charging cradle, standard belt clip and magnet for storage during operation.

Hyva Titan Skiploaders equipped with TRR also are provided with conventional fixed control levers. In the event that you are not able to use the TRR, no productivity is lost as all the functions of the skiploader can be operated manually.

TWS: THE INBUILT WEIGHT-WATCHER

The new Titan Weighing System (TWS) to weigh the container is an outstanding feature that can be integrated with the new Hyva TRR remote.

The TWS's inbuilt algorithm automatically measures the angle of the arm and the thrust generated by the cylinder to calculate the weight of the lifted container.

An accuracy of $\leq 1\%$ of measured weight is achieved with an easy plug and play system that does not require initial calibration during mounting. The weight appears automatically in the display of the TRR.



The weighing system is not active during driving and storage.



Weighing system is designed and sourced from high-quality components to ensure robustness and durability.



No extra weight added, no separate displays are necessary, as the TWS is integrated into the TRR.



Warnings to prevent overloading of both truck and trailer systems.



Operators don't have to use weighing stations or bridges, saving time and cost.

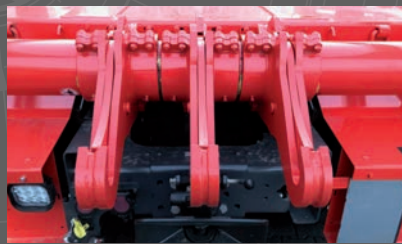
TRR SPECIFICATIONS

Display	High contrast display with backlighting for working during night time IP67, No parts exposed
Temperature range	-30/+ 70 degrees C
Operating voltage	10-36 V DC
Connections	IP 69K Protected against close-range high pressure high temperature spray downs by power washer
Cables	Capable of simple automotive repair without recalibration
Weighing interval/accuracy	+/- 100 kg.
Load range	0.5 - 18.0 T
Weight	0.5 kg
Other specifications	Maintenance free Internal analogue to digital conversion No need for initial calibrating No separate displays necessary

**THE WIDEST RANGE OF MARKET SPECIFIC BOLT-ON
OPTIONAL ACCESSORIES: UNMATCHED FLEXIBILITY.
GREATER PRODUCTIVITY. EXCEPTIONAL SAFETY.**



LADDERS



TIPPING SYSTEM



AUTO SHEETING SYSTEM



TAIL LIGHT PROTECTORS



CAB GUARD



TIPPING CHAIN

...AND MANY MORE.

**TRUST OUR SERVICE. OVER 25,000
CUSTOMERS DO SO EVERY DAY.**



Count on us to be there for you when you need us. Our international sales and after-sales teams from our own subsidiaries are exceptionally experienced, and a vast network of service partners and dealers provide world-class customer support through our Hyva Care approved service workshops.

Our unwavering confidence in our products allows us to offer the best possible guarantees on every purchase. And our maintenance contracts are customised, with highly cost-efficient repair and maintenance contracts. After all, we're in this for the long haul.

Tipping Solutions | Container Handling | Waste Handling | Cranes

130 countries
+3,000 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.ronco.com.au

or follow us on:



Quality and
environmental certified