



**HYVA TIPPING  
SMART CONTROL**

**WE BELIEVE IN EMPOWERING DRIVERS THROUGH TECHNOLOGY, IN MAKING TIPPING EFFICIENT, SAFE, AND EASY. MEET HYVA SMART, A FIRST OF ITS KIND INTELLIGENT TIPPING SYSTEM.**



Every minute adds up, whether you want to get home for dinner or make that last trip to reach your quota time is of the essence. **With Smart you will be able to make the most of your time** using features like easy lower and body empty indication to help save expensive tipping time.



Even with years of practise it's not easy to understand and keep track of all the safety factors during tipping. **Smart changes that by supporting the driver during each tip.** The intelligent system monitors the safety and intervenes when needed with faster-than-human reflexes.



It never hurts to have a helping hand throughout the day to make life easier. **Smart is your helping hand in the cabin by making tipping more intuitive and easier** through a easy-to-use, fully proportional joystick. Giving the driver more comfort and more control.



**SAFETY INTERVENTION**

Tip knowing you are safe with Smart Control's intelligent safety interventions.



**INCLINOMETER**

Position your truck perfectly on the first try with Smart Guide's detailed information on the chassis and body angles and save time during unloading.



**ACCESSORY CONTROL**

Control all tipping accessories straight from the Smart Display.



**BODY HEIGHT**

Know if you can pass below those signs or that bridge by getting an total height with a 10cm accuracy.



#### PAYLOAD INDICATION

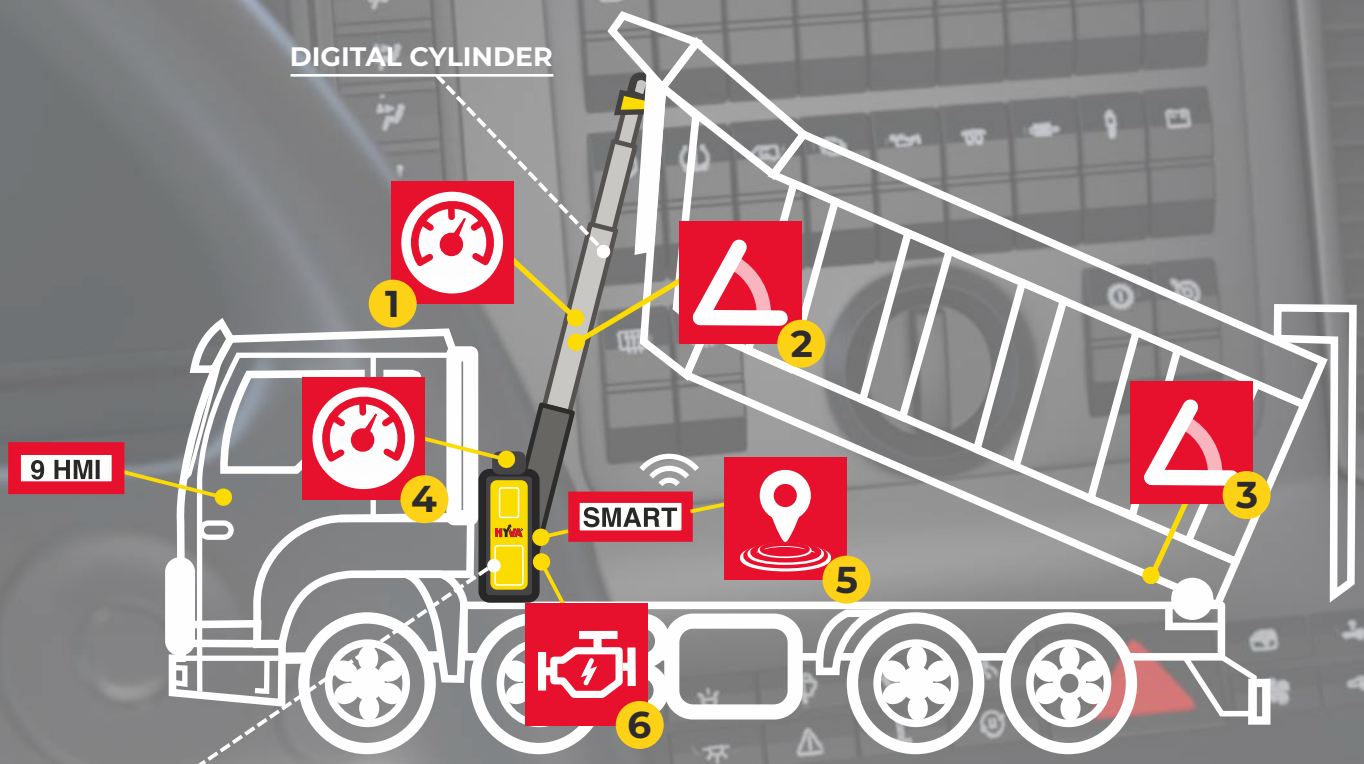
See how much you are carrying and prevent expensive fines. The Smart display shows the payload with an accuracy of +/- 3%.



#### ONE EMS

Gather all tipper insights in Hyva's cloud platform: OneEMS where you can see what your tipper fleet is doing in real time.

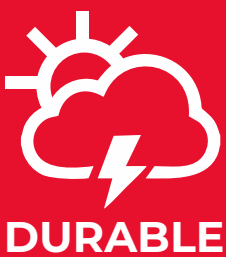




DIGITAL CYLINDER

DIGITAL WETKIT

- |                                |                                 |
|--------------------------------|---------------------------------|
| <b>1</b> HIGH PRESSURE SENSOR  | <b>4</b> RETURN PRESSURE SENSOR |
| <b>2</b> CYLINDER INCLINOMETER | <b>5</b> GPS                    |
| <b>3</b> BODY INCLINOMETER     | <b>6</b> ELECTRIC VALVE         |



The **SMART** system was designed and validated to accompany your Hyva tipping system throughout its entire life. All components can handle -40 to +80 degrees Celsius. The outside parts are IP 67 rated, and the inside parts are IP54 rated so spilling a drink is no problem.

BODY UP WARNING

ACCESSORY CONTROL

PAYLOAD INDICATION

SIDE ANGLE



TRUCK HEIGHT EST.

BODY ANGLE

BODY EMPTY INDICATION



**INDUSTRIES SERVED  
BY TIPPERS WITH  
SMART CONTROL**



**CONSTRUCTION**



**MINING**

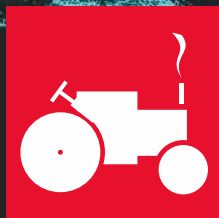
## BRINGING TIPPING INTO THE 21<sup>ST</sup> CENTURY

SMART CONTROL, an intelligent tipping assistant right in the cabin. Using multiple sensors as well as a deep understanding on how tippers work Hyva's Smart gives critical insight to the driver. These critical insights enable drivers to tip more efficient and will help make tipping safer. All of that using an intuitive, accessible interface to making it easy to use for drivers new and experienced.

Through the connection with Hyva's online platform: OneEMS fleet managers can see what their fleet is doing in real time to support the drivers even further where needed.



TRANSPORTATION



AGRICULTURE



ENVIRONMENTAL

110 countries  
+3,500 employees  
20,000 customers  
+30 subsidiaries  
14 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 more than 30 wholly owned subsidiaries, extraordinary service coverage and 14 manufacturing facilities in Brazil, China, Europe and India.

For more information on Hyva, please visit [www.hyva.com](http://www.hyva.com)

or follow us on:



**Hyva Holding B.V.**  
Antonie van Leeuwenhoekweg 37  
2408 AK Alphen aan den Rijn  
The Netherlands  
Telephone: +31 (0)172 - 42 35 55  
Telefax: +31 (0)172 - 42 08 80  
info@hyva.com  
www.hyva.com



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environmental certified

DEALER STAMP