

# The XW Range

Wireless, Dynamic Onboard Weighing  
for Material Handlers



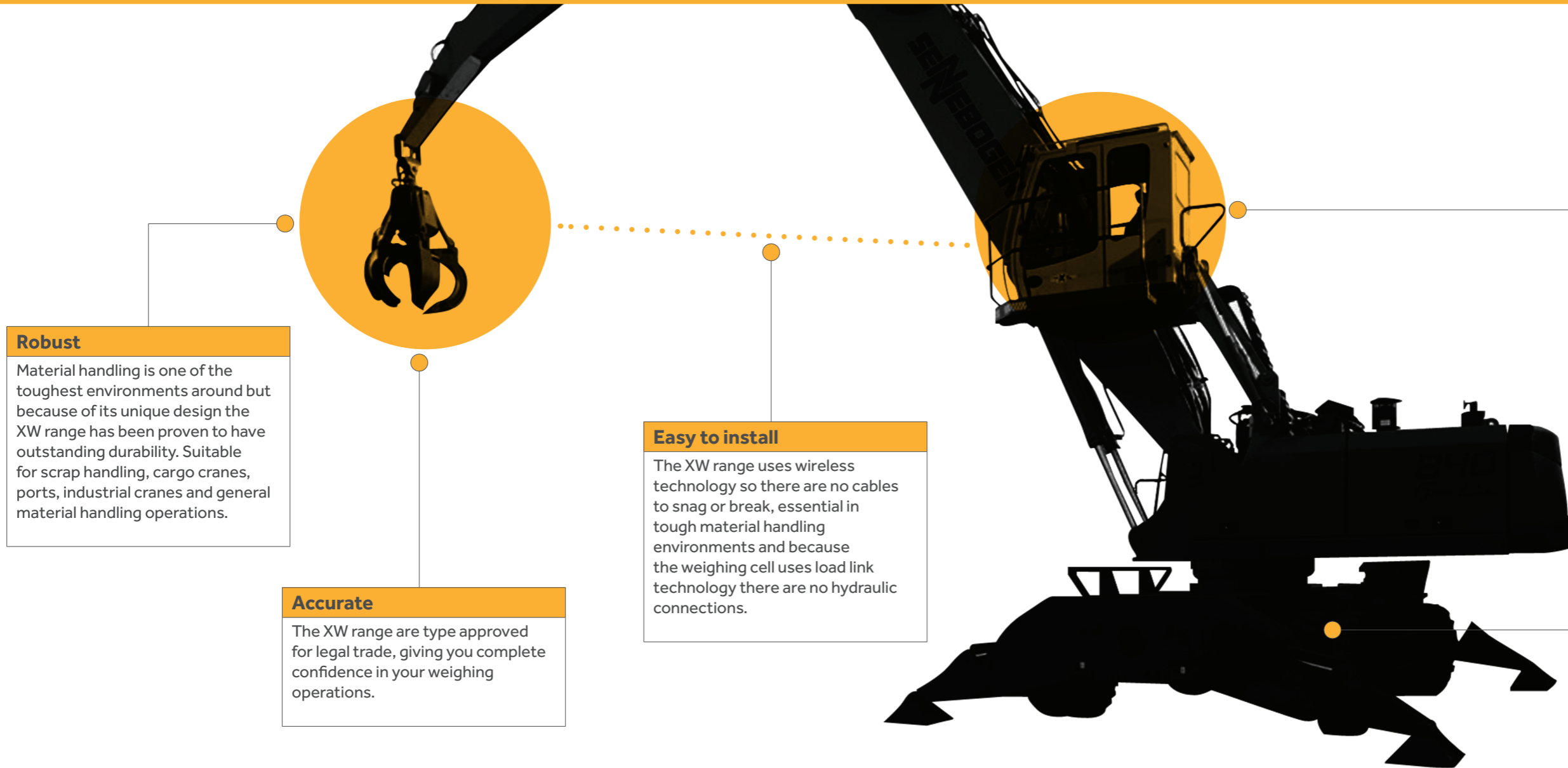
INTERMERCATO

Onboard weighing that  
keeps your material  
handlers moving.

 **OnGrade**

# Wireless Crane Scale

The XW range of wireless on board weighing systems for material handlers can improve the efficiency of material handling operations and improve profitability.



**Robust**  
Material handling is one of the toughest environments around but because of its unique design the XW range has been proven to have outstanding durability. Suitable for scrap handling, cargo cranes, ports, industrial cranes and general material handling operations.

**Accurate**  
The XW range are type approved for legal trade, giving you complete confidence in your weighing operations.

**Easy to install**  
The XW range uses wireless technology so there are no cables to snag or break, essential in tough material handling environments and because the weighing cell uses load link technology there are no hydraulic connections.

**Data & Connectivity**  
Data capture is a key element of onboard weighing operations, the in cab display gives the operator the information he needs and several data download and connectivity options means that all of the necessary information is captured and available when and where it is needed.



**Dynamic**  
The XW range offers true dynamic weighing; at no time does the operator have to stop during the loading or unloading cycle. This ensures that cycle times are maintained and that XW range improves the efficiency of material handling operations.

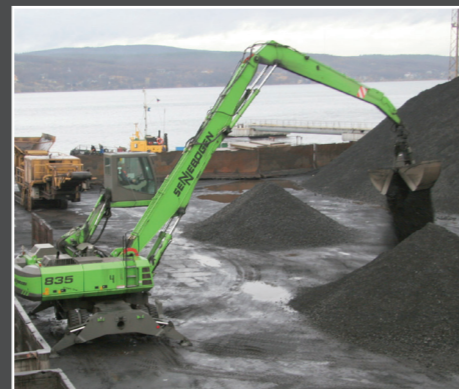
## Four modes of operation:

**Fully automatic**  
Weighing is performed automatically without the intervention of the operator. The lift and load cycle is uninterrupted and the weight is automatically stored in the memory bank.

**Semi automatic**  
Using an external pushbutton to activate the system prior to each load lifted. The weight is automatically stored in the memory bank. This operating mode is still classed as dynamic weighing as the lifting cycle remains uninterrupted. Preferred option if the machine is not continually weighing and is used for non-weighing tasks.

**Normal**  
Tapping the in-cab touch screen or using external pushbutton freezes the load shown on the display which is then automatically stored. Static weighing operation only.

**Container**  
used for measuring the load that has been discharged from a container. A pushbutton is used after the container has been emptied. The net weight is then calculated by finding the difference between the gross load during the container lift and the subsequent empty container load.



## Onboard Weighing Improves Efficiency and Profitability

**Payload Optimisation**  
Ensure that you are moving the correct amount of material between locations and reduce risk of overloading.

**Overload Prevention**  
Ensure road traffic compliance of loaded vehicles and reduce wear and tear caused by overloading

**Right first time at pint of loading**  
Getting the load right at the point of loading increases efficiency by reducing trips to and from weigh bridges and ensures accurate loading even in locations where weighbridges are not available.

**Pay by weight**  
Accurate onboard weighing allows for pay by weight in industries where it is required. The XW range is type approved for legal trade As automatic scales for dynamic weighing (OIML R51, Class y(b)500 divisions and as non automaticscales (OIML R76, 1000 divisions)



## Features and benefits

- Improving the profitability of your material handling operations
- True dynamic weighing
- Wireless technology
- Reduced cost of ownership and installation
- Designed for the toughest environments
- Suitable for scrap handling, cargo cranes, ports, industrial cranes and general material handling operations
- All machine sizes, attachments and configurations catered for
- Type approved for legal trade
- Site to office connectivity
- Data logging and product management as standard
- Remote payload monitoring (optional)
- External push button optional (footswitch or joystick mounted available)
- Audible alert (optional)
- Compliant with free swinging attachments only

Simple installation, no cable runs from the cab to the load link. Battery powered wireless load link – high capacity rechargeable battery technology, easy to change. Charger and spare battery supplied as standard.

## Wireless Advantage

- Simple Installation – no cable runs
- No cable means the scale can be used in the harshest of environments without damage to the electrical interface

## System Options

- GPRS data transmission for site to office connectivity
- Range of pushbutton types – joystick or footpedal
- Interface to in-cab computer (if computer supplied with machine)
- Audible alarm
- Wireless printers for in-cab use



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