![AutoWeigh - WEB TECH - Designers and Manufacturers of Continuous Weighing and Feeding Equipment]
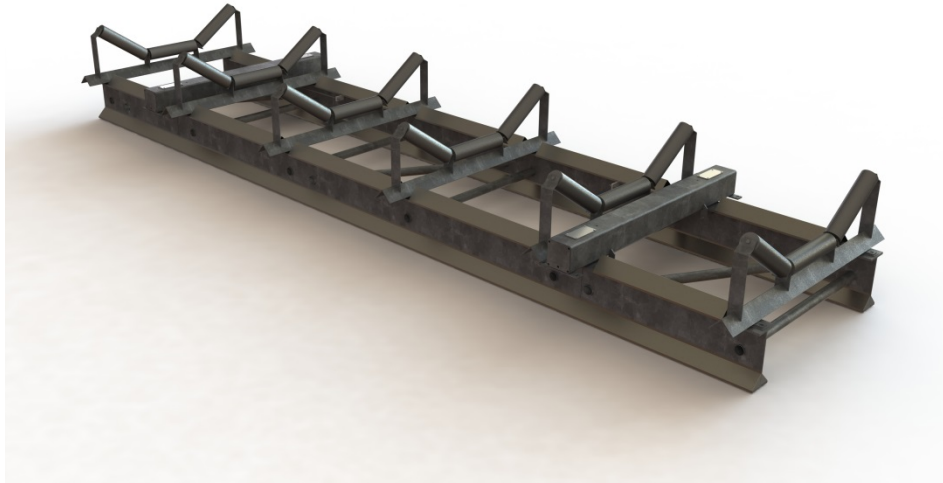
WTS6S2 Conveyor Belt Scale

The model "WTS6S2' is one of Web Tech AutoWeigh's "precision" type conveyor belt scales, and is suitable for applications including the measuring of material delivered to stockpiles, ship loading, and rail loading.

Accuracies in the order of ±0.125% to ±0.25% are achievable.

Weigh Frame

Web Tech AutoWeigh's model "WTS6S2" conveyor belt scale is a heavy-duty six idler fully suspended weigh frame particularly suitable for the mining industry. Incorporating four (4) load cells, it is available to suit belt widths from 450mm to 2400mm. The weigh frame can be supplied in either mild steel galvanised, or stainless steel construction. Standard idler spacing's of 1000mm, 1200mm and 1500 mm are available.

Electronics

The "WTS6S2" belt scale system is normally supplied with our "MasterWeigh 6" electronics. The "MasterWeigh 6" electronics is a microprocessor based integrator and comes with the following standard features:

- Microprocessor based.
- 110/240VAC or 24VDC supply (optional).
- IP66 reinforced polyester enclosure.
- Modular in design – easily serviceable.
- Simple menu driven interface.
- Integral keypad with calibration "Hotkeys".
- 2 x 40 character backlit LCD display.
- All commands in simple English – No hieroglyphics or codes used.
- 8 digit Mass Rate display.
- 8 digit Mass Total display.

- Isolated 4-20mA Rate output.
- Remote Totaliser output.
- "Weigher Healthy" relay output.
- Programmable "Auto Zero Tracking" function with "Out of Limits" relay output.
- Service menus allow load cell and speed sensor values to be read without the need for test meters.
- Automatic Zero & Span calibrations.
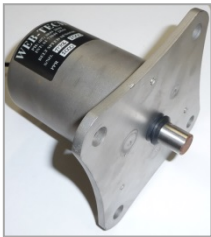- Optional "Profibus", or "Device Net"or "Ethernet/Modbus TCP"
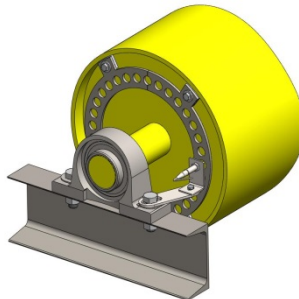
"Masterweigh 6" in standard
IP66 RFP Enclosure

"Masterweigh 6" in optional
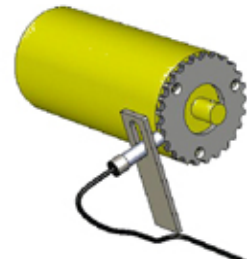Stainless Steel Enclosure

Belt Speed Sensors

The "WTS6S2" belt scale is available with a number of different standard types of belt speed sensors to suit the application.

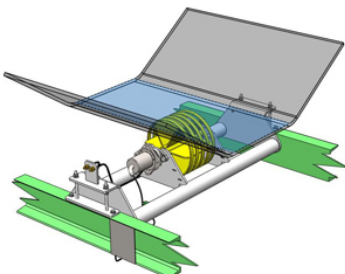Stainless steel digital
Encoder (pulley mount)

Proximity switch and
flags on tail pulley

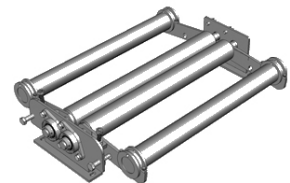Magnetic Pick-up
and sprocket on roll

Options

Optional Spiral Pulley
and mounting frame

Stainless steel sunshade
for electronics

"In-Situ" Calibration
Weight