



永恒環保機械有限公司
Wingbest Machinery Ltd

SCS Analog / Digital Modular Full-electronic Truck Scale Series

Features : Suitable for large manufactory

Max. Capacity : 10t ~ 120t

Dimension : According to customer need



Product Features :

The patent of innovative design is adopted high-rigid strength which is high accuracy, fast weighing, steady and reliable work. If attaching devices are installed on the platform, the scale can be used on weighing equipment like bunker scale, roller scale or steel-tape scale. The scale widely used in storehouse, workshops, goods yard, pedlar market, building site, etc.

Model and specifications

Model	SCS – 10	SCS – 20	SCS – 30	SCS – 100	SCS – 120
Max . capacity (t)	10	20	30	100	120
Standard division (kg)	5	5 , 10	10	20 , 50	20 , 50
Accurate division (kg)	2	2	5	10	10
Load cell capacity (t / pc)	5	8	20	30	40
Platform size : W × L (m)	Optimization size (△)				
3 × 6 (single section)	△	△	△		
3 × 7 (single section)	△	△	△		
3 × 8 (single section)			△		
3 × 9 (single section)			△		
3 × 10 (single section)			△		
3 × 12 (dual sections)			△		
3 × 14 (dual sections)					
3 × 16 (dual or three sections)				△	
3.4 × 16 (dual or three sections)					
3 × 18 (dual or three sections)				△	△
3.4 × 18 (dual or three sections)					
3.4 × 21 (three sections)					
3.4 × 24 (three or four sections)					

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Comprehensive structure and function features

- Module , standard and serial scale body , multi – unit assembly
- Auto – resetting , force – transmitting mechanism
- Analog / digital double shearing – beam , bridge – type load cell made of alloy steel
- Analog / digital full – sealing , column – type load cell made of stainless steel , strong water – proof and anti – corrosive function
- Gross weight , net weight and tare displaying
- State displaying of trend, short load, over load, etc.
- Digital wave filtering , auto zero tracking
- Auto deducting tare , clearing tare
- Keyboard setting / calibrating
- Vehicle number and tare memorizing , single and total item accumulating
- Auto breakdown diagnosing
- Data output / auto printing
- Double lightening protection
- Auto-compensation of temperature , linearity, creep and hysteresis (digital)

Comprehensive technical parameter

- | | |
|---|---|
| ● Accuracy class : | OIML III |
| ● Weighing range: | 10 ~ 120t |
| ● Length of platform assembly : | 6 ~ 24m |
| ● Platform width : | 3 / 3.4m |
| ● Safety overload : | 130% Max |
| ● Max transmitting distance of analog signal : | 100m |
| ● Max transmitting distance of digital signal : | 1000m |
| ● Operating power supply : | 240 / 220 / 110VAC, 50 / 60Hz |
| ● Relative humidity : | < 95% |
| ● Working temperature : | -10 ~ +40°C (indicator)
-30 ~ +65°C (scale body) |

Note : The lowest working temperature of scale body can be down to -40°C according to user's demand.

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Features of digital truck scales

1. Numeral transformation technology and compensation

- The Inner part of the weighing load cell contains module conversion device and CPU processing unit.
- Auto – compensation with digital technology to the parameter of load cell such
- as non – linearity , temperature , etc .
- Free of calibrating for the scale if the load cells are replaced.

2. With the calibrating and digital technology, bias – load (four corners) calibration of the truck scale can be completed only once .

3. Digital communications technology

- The central line structure can be used by several weighing load-cells (up to 32) in the same system .
- RS485 interface is used and long – distance signal transmission is possible, with the transmission distance not less than 1000m.
- Output signal at 3 ~ 4V strengthens the capability of anti – interference and lightening protection of the system.

4. Intelligent technology

- The parameter of the load cell can be changed according to the orders.
- Different wave - filtering ways can be adopted according to different situations.

5. Module, standard and series scale body, multi-unit assembly

6. Digital load cell of full – sealing column and laser – welded stainless steel, with accuracy of C3, strong water – proof and anti – corrosive function.

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Exterior	Platform below 2 x 3m made of pattered plate
	Platform above 2 x 3m made of flat plate
	Surface of aluminum paste or spray paint orange line

Technical parameter	Accuracy	OIML III
	Weighing range	1t ~ 60t
	Safe overload	150% Max

Work temperature	Weighing indicator	-10 ~ +40 C
	Platform & load cell	-30 ~ +65 C
	Relative humidity	<95 %

Power source	Voltage	220 V AC
	Frequency	50 Hz

Weighing Indicator

Model No :	a)YH-T3 indicator	Standard supporting indicator ,Interior battery, red LED display
	b)XK3190-A9 Indicator	Standard supporting indicator ,Interior battery, red LED display and various print functions

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