

CRANE SCALE

STIPL-CS



HIGH-STRENGTH **DESIGN FOR ACCURATE** LOAD MEASUREMENT

Hardware

- Seamless steel pipe enclosure for protection against **heat, dust & impact**
- High-temperature resistant design, ideal for **molten metal & furnace areas**
- **5-digit high-brightness red LED** for long-distance visibility
- **Forged steel shackle** for safe overhead lifting
- Heavy-duty bottom hook with **safety latch**
- Fully protected internal load measuring system
- **Wireless remote controller** for safe operation and calibration

Key Features

- **OIML Class III accuracy** for reliable weighing
- Designed for **high-temperature industries (up to <1600°C)**
- Multiple weighing units: **kg / lb / N**
- Functions: **Zero, Tare, Hold, Total, Auto Zero, Overload Warning & Record**
- Zero range: **Up to 4% F.S.** | Tare range: **100% F.S.**
- **Fast stable time ≤ 10 seconds**
- Overload indication: **100% F.S. + 9e**
Safety load: **125% F.S.** | Ultimate load: **700% F.S.**
Gravity compensation for stable readings during lifting
Large LED display: **58 mm (45 mm for 20T model)**
Remote operating distance: **Up to 15 m**

Power

- Long battery backup: **Up to 70 hours**
- **6V / 7Ah rechargeable sealed lead-acid battery**
- Low battery warning & auto power-off
- Power-saving mode for extended battery life
- Charging adapter: **DC 9V / 1000 mA**

Technical Specification

Model	Part Code	Capacity	Accuracy	A(mm)	B(mm)	C(mm)	D(mm)	H(mm)	N.W.(kg)	G.W.(kg)
STIPL-CS	CSTH1	20000kg	10kg	260	350	100	370	1055	120kg	135kg
STIPL-CS	CSTH2	30000kg	10kg	295	470	110	460	1140	200kg	120kg
STIPL-CS	CSTH3	50000kg	20kg	360	670	160	570	1680	550kg	580kg

The minimum distance between a heat-proof crane scale and a high-temperature source can vary based on the specific design and heat resistance ratings of the crane scale. Generally, here are some guidelines:

Manufacturer Specifications: Always refer to the manufacturer's guidelines for recommended distances. They often provide specific instructions based on the scale's heat resistance capabilities.

1000°C	1200°C	1400°C	1600°C
1.6m	1.8m	2m	2.2m

Applications

Manufacturing industries
Warehousing & logistics
Construction & infrastructure projects
Steel plants & foundries
Heavy engineering units

