Claw Machine Strength
Interface Mini™

Industry: Entertainment

Summary

Customer Challenge

Manufacturers for claw machines need to measure the force strength of their claws. They need to see the force measurements in order to program their claws grip strength.

Interface Solution

Interface's ConvexBT Load Cells are installed on the fingers of the claw machine, each connected to WTS-AM-1E Wireless Strain Bridge Transmitter Modules. After a grip test is done, the force results are wirelessly transmitted to the customer's computer where it can displayed, logged, and graphed when connected to the WTS-BS-6 Wireless Telemetry Dongle Base Station. It will also have supplied Log100 software.

Results

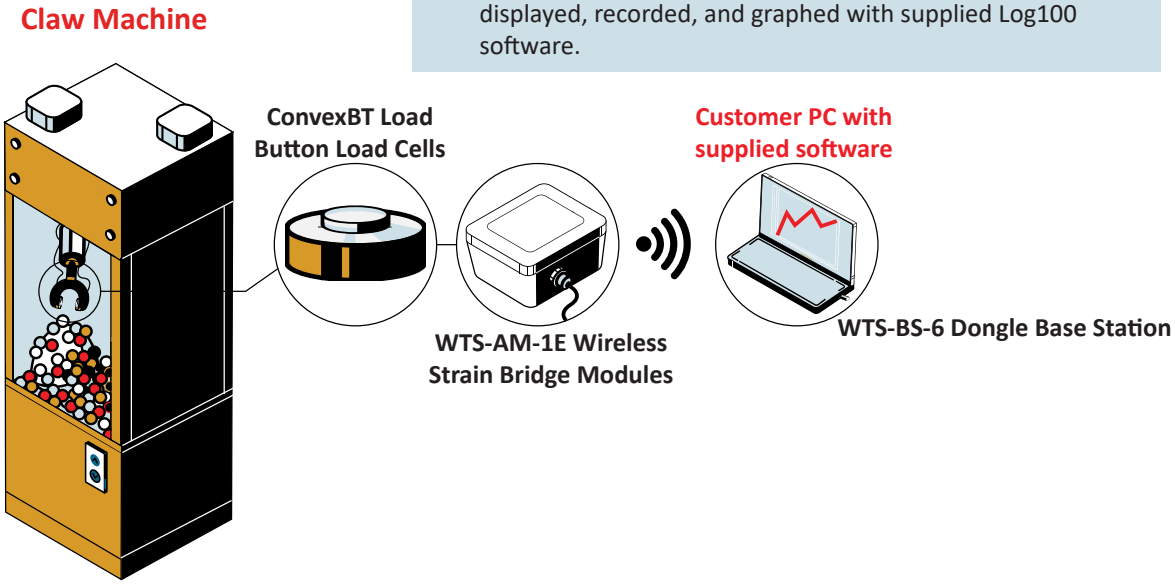
The manufacturers for their claw machines were able to determine the strength of the claw grip, thus were able to program the strength of the claw.

Materials

- ConvexBT Load Button Load Cell
- WTS-AM-1E Wireless Strain Bridge Transmitter Module
- WTS-BS-6 Wireless Telemetry Dongle Base Station
- Supplied Log100 Software
- Customer PC or Laptop

How It Works

1. ConvexBT Load Button Load Cells are attached to the fingers of the claw. The load cells are also connected to WTS-AM-1E Wireless Strain Bridge Transmitter Modules.
2. A grip test is done on the claw, and the load cells capture the amount of force used.
3. The force results are wirelessly transmitted to the WTS-BS-6 Wireless Telemetry Dongle Base Station, where results are displayed, recorded, and graphed with supplied Log100 software.



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