



29 DigiChain

29.1 Technical Data

<input type="checkbox"/> Load capacity range:	1/8 ton [125 kg] to ½ ton [500 kg]
<input type="checkbox"/> Lift:	15 ft. [4.5m] maximum
<input type="checkbox"/> Pushbutton:	Hoist motion only
<input type="checkbox"/> Hoist speed:	Single or two-speed
<input type="checkbox"/> E-Stop button:	Push-to-maintain, turn-to-release, red mushroom head
<input type="checkbox"/> Control voltage:	Same as hoist control voltage
<input type="checkbox"/> Side pull angle:	3 degrees maximum
<input type="checkbox"/> Hoist:	LM1, LM05; single fall only
<input type="checkbox"/> Hook size:	012 class T
<input type="checkbox"/> Weight of unit:	7 lbs. [3.2 kg]
<input type="checkbox"/> Protection rating of unit:	IP-55
<input type="checkbox"/> Approvals:	CSA

The load hook is furnished with a safety latch.

30 Food Grade Service

A food grade lubricant is available for the hoist gears for all [LoadMate](#) hoists. The load block, hook, and load chain should also be stainless steel.

31 Tandem Control – QL Modular Crane

The option for two same capacity hoists per crane is available.

Tandem hoists operating from a [QL](#) Modular Crane includes:

- Additional festoon and festoon hardware for the second hoist
- Common pushbutton pendant (on sliding festoon rail) with a 3 position selector switch – Hoist 1, Both, or Hoist 2
- Tandem relays (mounted on the bridge panel)
- Bridge panel transformer with sufficient capacity to supply both hoists as well as the crane

The use of a 3-position selector switch will allow the operator to operate hoist 1 or hoist 2 independently, or to operate hoist 1 and hoist 2 together in tandem.