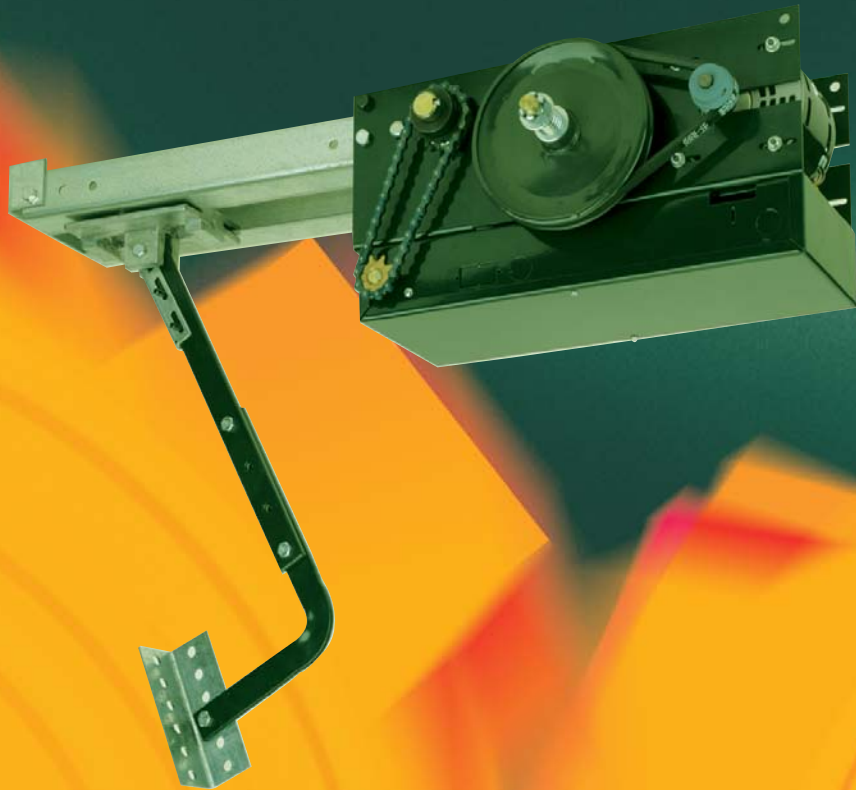


Specification Sheet

MLT



MLT, a medium duty trolley operator for industrial standard lift sectional doors.

Manaras®

• Standard Features

Motor: 1/2 HP, 115 Volts, 1 Phase, instant reverse, intermittent duty motor, protected against overload by a built-in thermal protection with automatic reset. Also available with 50Hz motor, consult inside sales.

Reduction: first step in reduction 4L/A V-belt drive, additional step by #410 chain and sprocket. Input shaft is 5/8" and supported by ball bearings. Output shaft is 1" and supported by ball bearings. Door speed: 11"/second.

Drive and Trolley Assembly: #48 (#410) full roller chain drive. Dual, 12 gauge, pre-drilled galvanized tracks for 14' doors maximum. Track spacers 3/4" steel shaft. Trolley made of cast aluminum alloy with possibility of chain tension adjustment.

Clutch: friction type, adjustable from outside.

Manual Operation: quick release disconnect arm for manual push up operation.

Electrical Enclosure: all electrical components are in a NEMA 1 enclosure.

Limit Switches: rotary-type with oil-impregnated steel cams, commercial grade switches. Limit shaft is supported in frame by self-lubricating bronze bushing for increased precision. Remains in time when there is a manual operation or after the motor has been removed.

Corrosion Protection: frame and control enclosure protected by a long lasting enamel finish. All shafts protected by yellow chromate coating.

• Motor Control

Control Units: 24VAC control circuit, 40VA class II transformer, fuse protected on output. C2 wiring is standard. B2 can be set very easily by moving one wire. Available options: delay on reverse, timer to close.

• Main Options

Control Accessories: terminal strip allows for the connection of 3-button stations (one supplied with the operator), sensing edges, photo cells, one push button radio control (external strip), ceiling pull and key switches, loop detectors, external interlocks. Fuse protected 24VAC output is available for accessory power supply.

Mechanical Accessories: solenoid brake, etc..., consult inside sales.

• Motor Selection

Maximum Size of Door in Square Feet

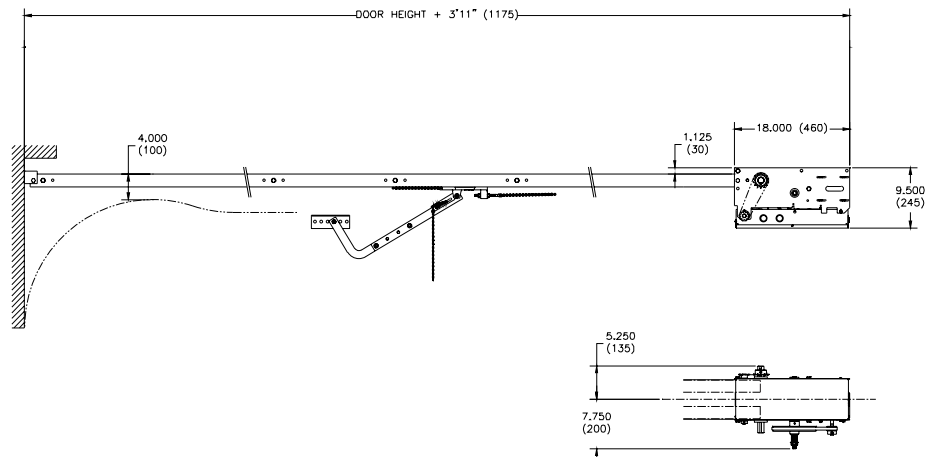
Horse Power	Sectional Doors					General Guideline
	Steel 18 ga. ins.	Steel 18 ga. 20 ga. ins.	Wood Steel 20 ga. 22 & 24 ga. ins.	Aluminum Steel 22 & 24 ga.	Fiber Glass	
1/2	120	160	250	275	290	

2 Year Warranty



• Dimensions

Maximum door height: 14' (4260 mm)
Back room: door height + 3'11" (1175 mm)
Head room for tracks: 4" (102 mm)



• Operator Range

Current Consumption (Amp.)

Horse Power	115 V 1 Ph	General Guideline
1/2	5.5	

Approx. shipping weight: 60 lbs – 27 kg + op. tracks

Manaras-Opera reserves the right to make specification or design changes without prior notice.

Reg. T.M. of 9141-0720 Québec Inc.

