MORSE

825H SERIES

SPECIFICATIONS SHEET

SCALE-EQUIPPED DRUM MOVERS & PALLETIZERS

Built-In Scale

V-shaped base to serve pallet corners or straddle 41" (104 cm) width.

Models with Battery, AIR or plug-in Electric Power Drum Lift.

Scale indicator dispays drum weight

Capacity: 800 Lb. (363 kg)

825H Series move, weigh and palletize upright drum

- Efficiently move upright drum onto and off pallets and floor
- Handle virtually any rimmed steel, fiber or plastic drum of various diameters
- Drums may be tight head or with removable top securely clamped in place
- Requires drum at least 22.5" (57.15 cm) tall
- Requires 50 Lb. (22.7 kg) minimum drum weight to activate jaws
- Raise 34-7/8" (88.6 cm) tall drum up to 19" (48.3 cm) above floor. Heavy duty hydraulic lift cylinder includes velocity fuse to provide full line shut-off in event of line failure.
- Models available with ergonomic battery, electric or air power lift
- Completely mechanical automatic drum grip
- Precision mechanism is built to last with wide jaws for secure grip

Grab, lift and move drum in minimum time with this efficient drum handler.
Drum gripping jaws in the "head" provide automatic hold to carry your drum in vertical position. The gripping action is completely mechanical and automatic.

With the "head" containing the jaws below the level of the drum rim, simply press the handler against the drum, raise the "head" to engage the grip and lift drum. Move your drum to the desired location. The jaws release when drum is set down on floor or pallet.

Jaws grip the upper rim of a plastic, steel or fiber drum weighing up to 800 Lb. (363 kg).

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825H SERIES
Scale-Equipped Drum Movers & Palletizers
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MODEL #	SCALE TYPE	FEATURES	MOTOR TYPE	MOTOR CONTROL
825H-N	N - General Purpose	Hand Pump Lift	None	None
825H-N-120		AC Power Lift	1PH/115V/60Hz, TEFC	Switch, cord and plug
825H-N-124		Air Power Lift	Air Valve	On / Off valve
825H-N-125		Battery Power Lift *	12V DC *	Built-in
825H-T	T - Intrinsically Safe	Hand Pump Lift	None	None
825H-T-124		Air Power Lift	Air Valve	On / Off valve
825HM-T		Spark Resistant Parts, Hand Pump Lift	None	None
825HM-T-124		Spark Resistant Parts, Air Power Lift	Air Valve	On / Off Valve
* 12V DC Power Lift includes 12V deep cycle battery, and 100/220V 50/60Hz AC charger.				

Digital indicator keeps you informed of drum weight. Scale is simple to use and to read. Touch pad includes numbers for tare entry. Battery saving "sleep" mode turns indicator off when scale is not in use.

Load cell accurately senses drum weight. Display weight to 0.1 Lb. (or set to diplay metric units). Accuracy of +/-0.2 %. Scale has NO data storage capability. Maximum operating temperature is 104^{O} F (40^{O} C).

Scale components are installed and calibrated before leaving Morse factory. However, rigors of transport may change scale calibration. To assure proper accuracy, user should employ local scale service personnel to check function and calibration of scale. Cost of on-site calibration is not included in selling price.

Two Scale Types

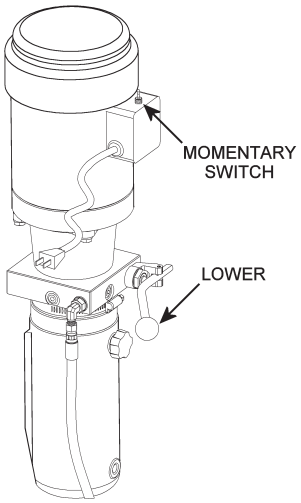
N-Type Scale
Economical general purpose instrument for use in a variety of weighing applications. NOT for use in hazardous areas. Powered by 12V battery pack.

T-Type Scale
Intrinsically safe, ultra low power intensity (ULPI) scale indicator for use in many hazardous areas, approved for all classes, groups and divisions of N.E.C. hazardous environment classifications.

Comes with battery pack and 115V 60Hz charger.

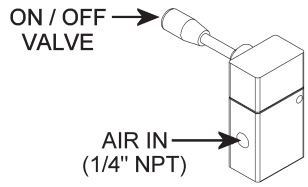
Models with Power Lift

Models with power lift provide a more ergonomic means of raising your drum.



Electric Power Lift Controls Model 825H-N-120

Use switch to raise the drum. Lower the drum with manual release valve.



Air Power Lift Controls Models 825H-N-124, 825H-T-124, and 82HM-T-124

Use on / off valve to raise and lower the drum.
Plant Air Pressure Required to Lift Drum0

- 80 PSI for 800 Lb. (363 kg) drum
- 60 PSI for 600 Lb. (272 kg) drum
- 40 PSI for 400 Lb. (181 kg) drum

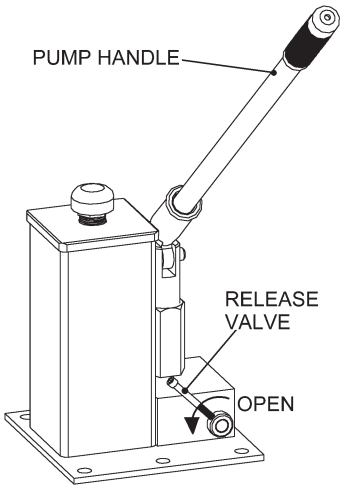
Battery Power Lift Controls Model 825H-N-125

Self contained battery power-lift. To Raise Drum push and hold the UP button. To Lower Drum push and hold the DOWN button.

NOTE: 12V Deep Cycle Lead Acid Battery is designed for domestic shipment only. For export shipment, choose Option "NB" No Battery. Customer must obtain battery before use. Exide # 27MDP 12V Deep Cycle Battery or equivalent.

Manual Lift Models

Hand Pump to raise drum.



Hand Pump Lift Control Models 825H-N, 825H-T and 82HM-T

It takes 27 pumps of the hand pump to lift a drum to maximum height.

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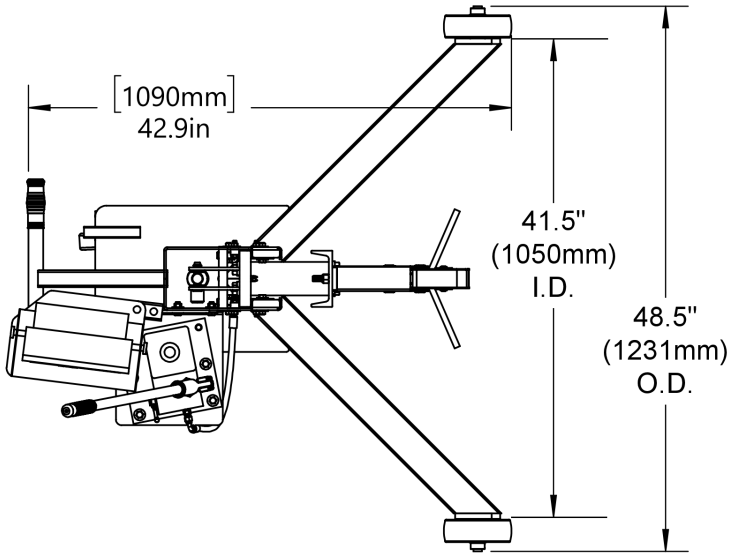
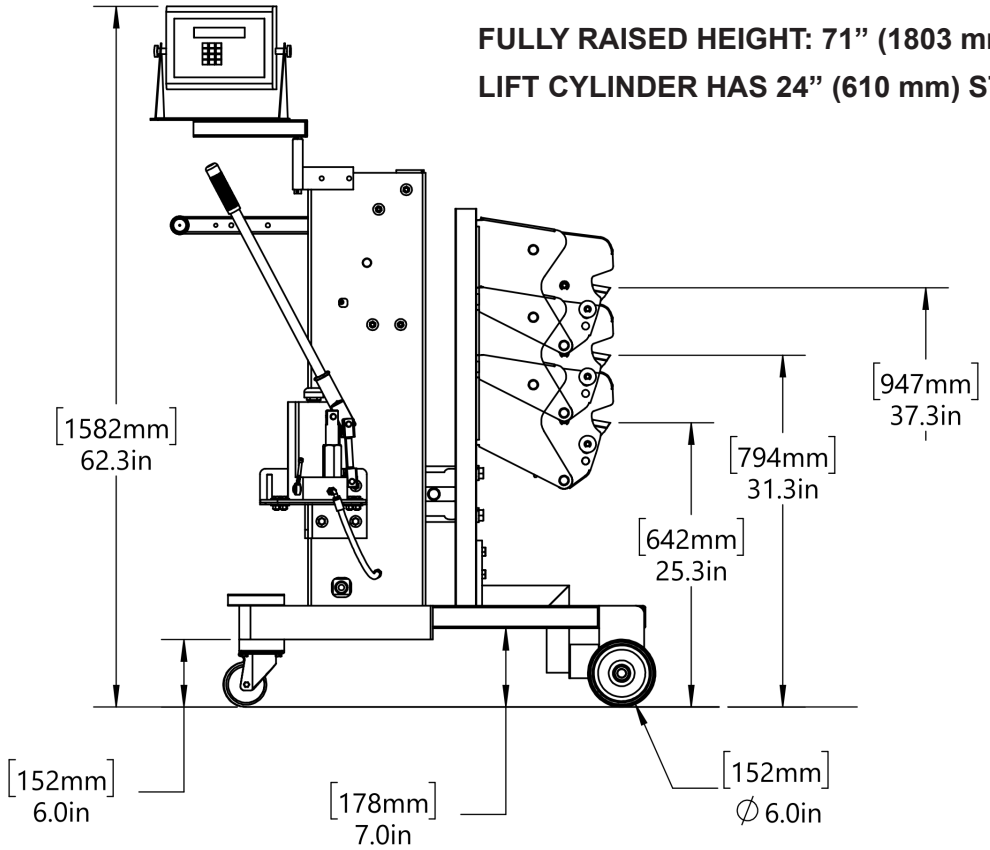
DIMENSIONS

- Overall width: 48.5” (123.2 cm)
- Overall length: 43” (109.2 cm)
- Turning radius: 53” (135 cm)
- Legs are 9” (22.9 cm) high and reach 20.75” (52.7 cm) in front of upright stanchion
- Two 4” (10.2 cm) swivel casters at back
- Two 6” (15.2 cm) wheels at front
- NOTE: A 55-gallon (210 liter) steel drum extends 11.75” (29 cm) beyond the front wheels



FULLY RAISED HEIGHT: 71” (1803 mm)
LIFT CYLINDER HAS 24” (610 mm) STROKE



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