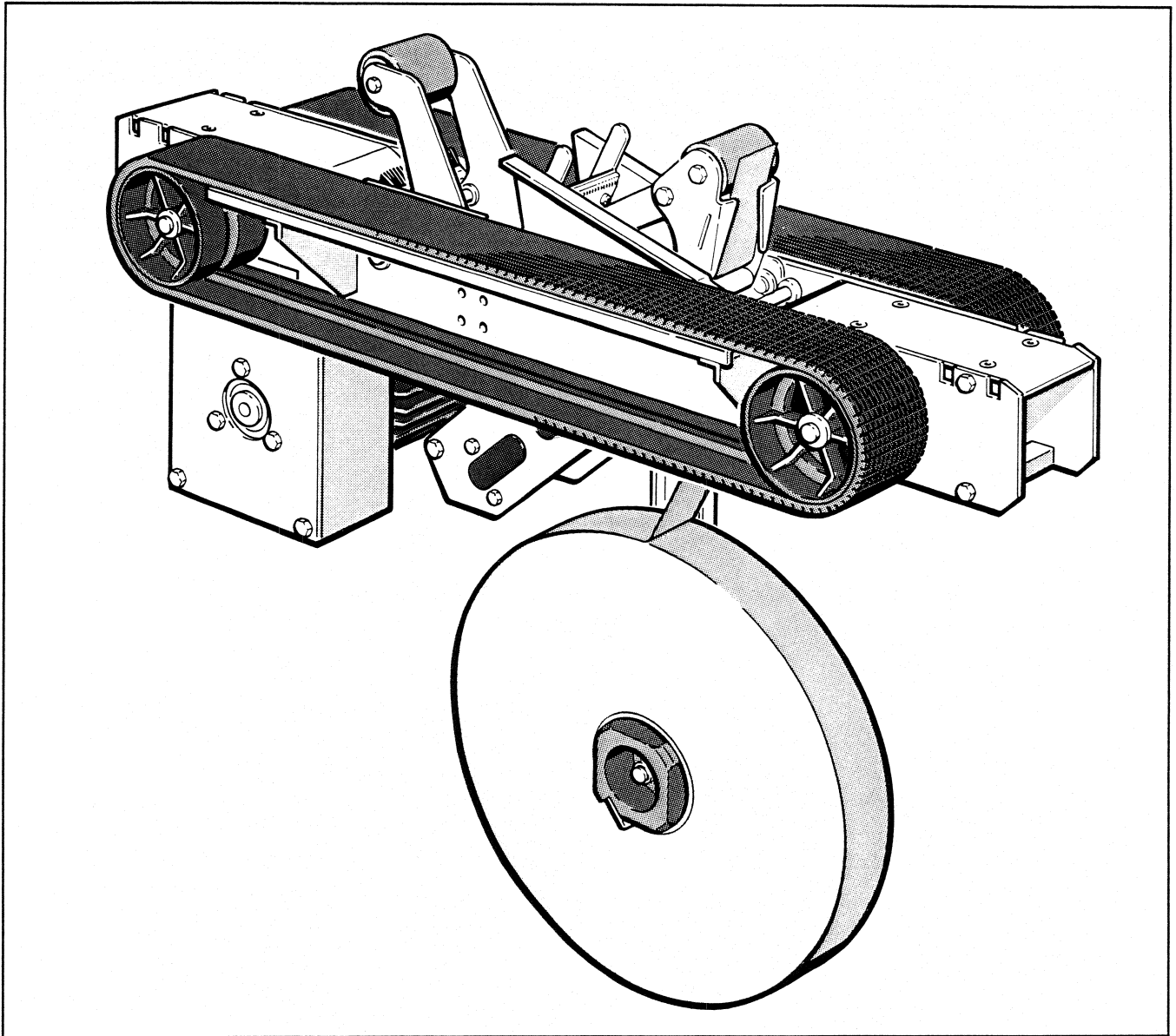


Specifications

AccuGlide™

Powered Taping Head Drive Assembly

Model 18700



“AccuGlide” Powered Taping Head — Model 18700 (Lower Drive Shown)

Description:

The powered taping head drive assembly is designed to be used in conjunction with the “AccuGlide” I STD or SMT taping heads. The “AccuGlide” I taping head is designed to apply “C” clips of “Scotch” brand box sealing tape to the top, bottom or sides of regular slotted cartons.

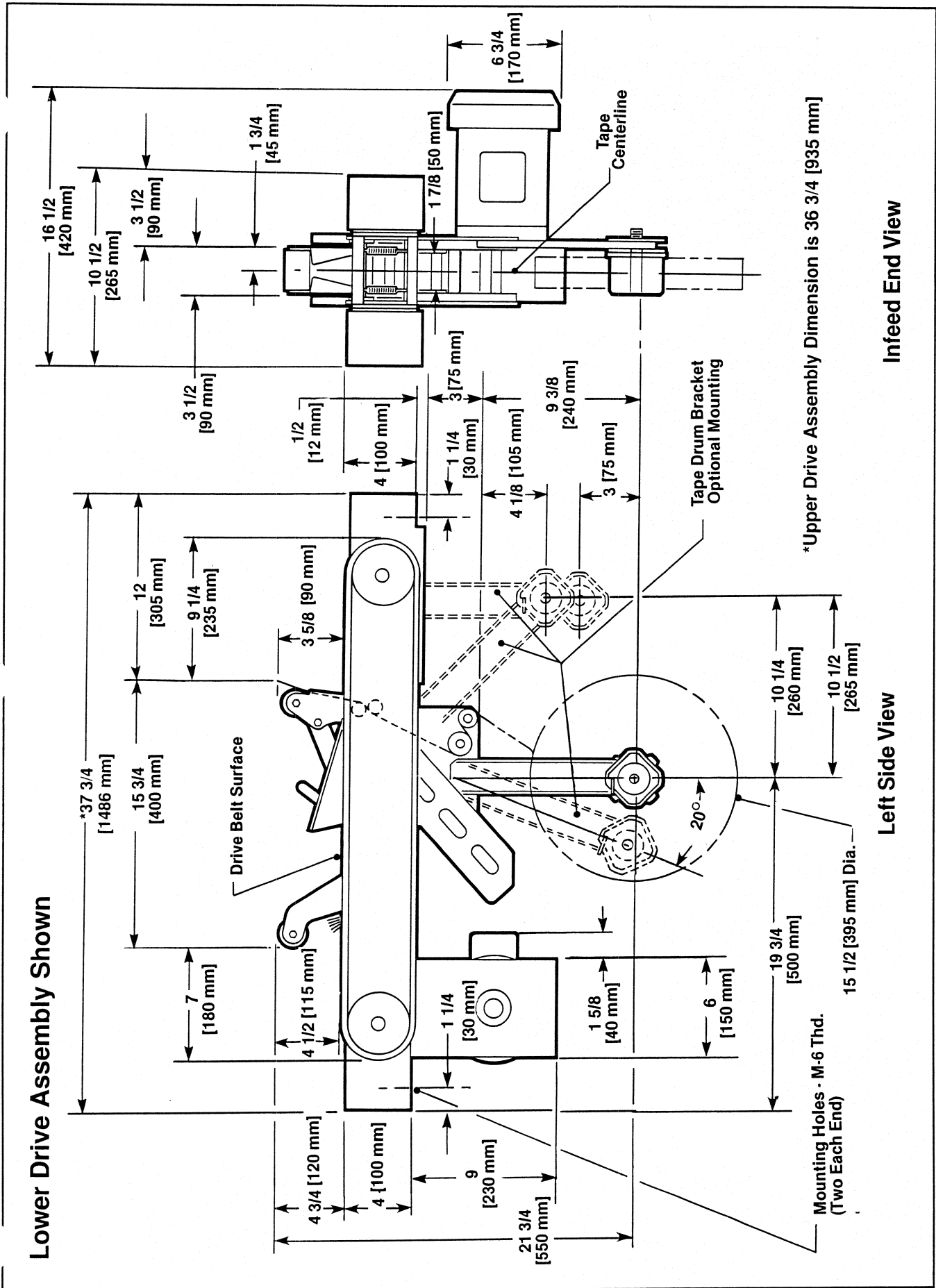


Figure 1.

Specifications

Tape:

“Scotch” brand pressure-sensitive film box sealing tapes.

Tape Width:

1 1/2 inches or 36 mm minimum
2 inches [50 mm] maximum.

Tape Roll Diameter:

Up to 15 1/2 inches [395 mm] maximum on a 3 inch [76,2 mm] diameter core. (Accommodates all system roll lengths “Scotch” brand film tapes.)

Tape Application Leg Length:

2 3/4 inches \pm 1/4 inch [70 mm \pm 6 mm]

Box Board:

125 to 275 P.S.I. bursting test, single wall A, B, or C flute.

Box Size Capacities

Box Size:	Minimum	Maximum
Length	6.0 inches or 150 mm	Unlimited
Width*	6.0 inches or 150 mm	Unlimited
Height	4 3/4 inches or 120 mm	Unlimited

* **Note:** Cartons smaller than 8 inches or 200 mm in width may require more frequent belt replacement because of limited contact area.

Box width, filled –
85 lbs. [38,6 kg] maximum

Operating Conditions:

Use in dry relatively clean environments at 40° to 105°F [5° to 40°C] with clean, dry boxes.

IMPORTANT SAFEGUARD

Taping Head and Drive System **should not** be washed down or **subjected to conditions causing moisture condensation** on components.

Overall Dimensions:

	2" Head	3" Head
Length:		
Upper or Side Drive	36 3/4 inches [935 mm]	36 3/4 inches [935 mm]
Lower Drive	37 3/4 inches [960 mm]	37 3/4 inches [960 mm]
Width:	16 1/2 inches [420 mm]	17 1/2 inches [445 mm]
Height*	17 3/4 inches [700 mm]	

* Does not include tape drum bracket assembly or tape roll.

Weight – Approx. 90 lbs. [41 kg] crated
65 lbs. [30 kg] uncrated

Power Requirements:

Electrical – 115 VAC, 60 Hz, 4 A

Note – Motor frame **must be grounded**.

Drive Belt Speed:

75 FPM [0,35 m/s]

Minimum Distance Between Boxes:

15 3/4 inches or 400 mm.

Note:

Upper or side mounting, contact your 3M Representative for technical assistance.

Installation Requirements:

Refer to Figure 1 for overall dimensions and drive assembly mounting locations.

Lower Drive Assembly/Taping Head Only

The box should be pressed downward against the drive belts by spring loaded slide rails to ensure adequate tractive driving force.

Upper Drive Assembly/Taping Head Only

The drive assembly should be mounted such that it is free to move vertically as the drive belts slightly climb onto the top surface of the box. The assembly should be spring loaded such that the upward movement is assisted. The box conveyor speed should exactly match the 75 FPM [0,35 m/s] belt speed of the “AccuGlide” powered taping head drive assembly.

Upper and Lower Drive Assembly/Taping Head

(See upper drive assembly/taping head above.)

To obtain the **minimum** 4 3/4 inches or 120 mm box height, the upper drive assembly should be mounted 6 1/4 inches or 160 mm forward, in the direction of box flow, of the lower drive assembly.

Equipment Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, A CUSTOM OR USAGE OF TRADE:

3M sells its **Accuglide™ Powered Taping Head Drive Assembly** with the following warranties:

1. The Taping Head knife blades, springs and rollers will be free from all defects for ninety (90) days after delivery.
2. All other parts of the Taping Head will be free from all defects for three (3) years after delivery.
3. The motor and transmission will be free from all defects for one (1) year after delivery.
4. All other parts of the drive assembly will be free from all defects for ninety (90) days after delivery.

If any part is proved to be defective within its warranty period, then the exclusive remedy and 3M's and seller's sole obligation shall be, at 3M's option, to repair or replace the part, provided the defective part is returned immediately to 3M's factory or an authorized service station designated by 3M. A part will be presumed to have become defective after its warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M at its option, will replace the equipment or refund the purchase price. 3M shall have no obligation to provide or pay for the labor required to install the repaired or replacement part. 3M shall have no obligation to repair or replace (1) those parts failing due to operator misuse, carelessness, or due to any accidental cause other than equipment failure, or (2) parts failing due to non-lubrication, inadequate cleaning, improper operating environment, improper utilities, or operator error.

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