The optional discharge spout funnels material to controlled openings such as bucket elevators and small inlet hoppers. Note that clearance heights are reduced when spout is installed (see spout detail illustration inside).

Flexible Power Options
The Rapat Series CU Conveyor features a variety of power options—including Gas Engine, Electric Motor and Hydraulic drive.

Please contact your Rapat representative for more information about power options and applications.

Series F Conveyor
The Series F Conveyor is the perfect teammate for our Series CU Conveyor! This combination is ideal for unloading hopper bottomed railcars, trucks and bins.
FEATURES

SERIES CU CONVEYORS

The Series CU Conveyor is the answer for unloading bulk materials such as beans, grains, sand and fertilizer from controlled-opening hopper-bottomed railcars and trailers.

It is built for rugged use, handling up to 90 tons of material per hour on the 24" wide belt, and 120 tons of material per hour on the 30" wide belt (based on 60# per cubic foot material).

The Series CU Conveyor is equipped with a wheeled undercarriage, located at the conveyor’s balance point for convenient one-person positioning.

Initially designed for truck and railcar unloading, the Series CU Conveyor has been used for unloading hopper-bottomed tanks, for receiving product from low clearance conveyors and load out augers, and anywhere products require an efficient, gentle transfer of material.

The Series CU Conveyor features heavy-duty construction and common-sense design, reducing down-time and increasing your bottom line.

SERIES CU OPTIONS

• DISCHARGE SPOUT - Designed for easy transfer of materials from Series CU Conveyor to small openings such as bucket elevator inlet hoppers. Available with optional rubber lining.

• ELECTRIC MOTOR, GAS OR HYDRAULIC DRIVE - All Rapat conveyors are available with various power options.

• 304 STAINLESS STEEL CONSTRUCTION - For corrosive applications.

• SWIVEL CASTERS - Mounted at the end of the horizontal section. Allows for easier positioning on level surfaces.

• BELT WIDTHS - The Series CU Conveyor is available in 18", 24", 30" and 36" belt widths.

• SWING AWAY ADAPTER - Provides a pivot point for permanent installations, allowing the Series CU Conveyor to be swung under a truck or railcar, and easily moved when unloading operation is completed. Includes four swivel casters in place of pneumatic tires.

• HIGH CLEARANCE MOTOR MOUNT - Designed for moving larger product such as earcorn, range cubes or recyclables.

• SELF-CLEANING TAIL PULLEY - Reduces material clogging and potential damage.

THOMAS CONVEYOR

and Equipment Company, Inc.

28 Hillside Avenue • Hillside, IL 60162-0736
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TOLL FREE (844) 220-0086

SERIES CU CONVEYOR DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>5' - 0&quot;</td>
<td>4' - 3&quot;</td>
<td>2' - 5&quot;</td>
<td>3' - 3 3/4&quot;</td>
<td>13' - 10&quot;</td>
<td>1' - 10 3/4&quot;</td>
<td>7' - 7&quot;</td>
</tr>
<tr>
<td>86</td>
<td>6' - 0&quot;</td>
<td>5' - 1 3/4&quot;</td>
<td>2' - 10&quot;</td>
<td>3' - 9&quot;</td>
<td>14' - 8 3/4&quot;</td>
<td>2' - 3 3/4&quot;</td>
<td>8' - 0&quot;</td>
</tr>
<tr>
<td>87</td>
<td>7' - 0&quot;</td>
<td>6' - 3 3/4&quot;</td>
<td>3' - 3&quot;</td>
<td>4' - 2&quot;</td>
<td>15' - 7 3/4&quot;</td>
<td>2' - 8 3/4&quot;</td>
<td>8' - 5&quot;</td>
</tr>
</tbody>
</table>
| 88    | 8' - 0" | 6' - 11 1/2" | 3' - 8 1/4" | 4' - 7" | 16' - 6 1/2" | 3' - 2" | 8' - 9"
| 89    | 9' - 0" | 7' - 10 1/2" | 4' - 1 1/4" | 5' - 0" | 17' - 5 1/2" | 3' - 7" | 9' - 4" |
| 90    | 10' - 0" | 8' - 9 1/4" | 4' - 6 1/4" | 5' - 5" | 18' - 4 1/4" | 4' - 0" | 10' - 0"
| 91    | 11' - 0" | 9' - 8 1/4" | 4' - 11 1/4" | 5' - 10 1/4" | 19' - 3 1/4" | 4' - 5" | 11' - 0"
| 92    | 12' - 0" | 10' - 7" | 5' - 4 1/2" | 6' - 3 1/4" | 20' - 2" | 4' - 10 1/4" | 12' - 0"
| 93    | 13' - 0" | 11' - 6" | 5' - 9 1/2" | 6' - 8 1/4" | 21' - 1" | 5' - 3 1/4" | 13' - 0"
| 94    | 14' - 0" | 12' - 4 3/4" | 6' - 2 1/2" | 7' - 1 1/2" | 21' - 11 3/4" | 5' - 8 1/4" | 13' - 0"

SERIES CU CONVEYOR OPTIONS

LENGTHS

Standard horizontal length is 8 feet. Inclined lengths are 5’ through 34’.

BELT Widths

Standard belt width is 3 13/16". Belts are available in 9 1/4", 1’-2 1/4", 1’-6”, 1’-10 3/4" and 1’-14 1/4".

Belt Widths

9 1/4" wide belt for 13’-0” length.

1’-2 1/4” wide belt for 18’-4 1/4” length.

1’-6" wide belt for 24’-0” length.

1’-10 3/4” wide belt for 30’-0” length.

1’-14 1/4” wide belt for 36’-0” length.

STANDARD MOTOR HOURLY POWER RATINGS

Series CU Conveyors are available with electric, gas or hydraulic motors.

MOTOR MOUNT - Formed and welded steel frame with self-cleaning bed.

SWING AWAY ADAPTER - Provides a pivot point for permanent installations, allowing the Series CU Conveyor to be swung under a truck or railcar, and easily moved when unloading operation is completed. Includes four swivel casters in place of pneumatic tires.

HIGH CLEARANCE MOTOR MOUNT - Designed for moving larger product such as earcorn, range cubes or recyclables.

SELF-CLEANING TAIL PULLEY - Reduces material clogging and potential damage.

All specifications subject to change without notice.