

# THE REVOLUTIONARY MODULAR AUTOMATION SYSTEM



## ROBOTUNITS

THE MODULAR AUTOMATION SYSTEM

### Conveyors

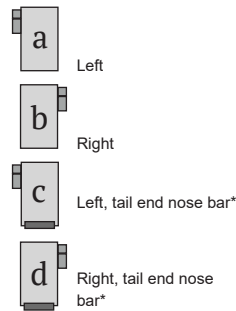
Type	Extrusion Size	Max. Load Weight	Timing Belt Speed	Direct Drive Speed	Width	Max. Length
 <b>C4N</b>	40×40 mm	300...2400 N	2,6...55 m/min (50 Hz) 3,2...58 m/min (60 Hz)	2,6...30 m/min (50 Hz) 3,2...33 m/min (60 Hz)	40...400 mm	12000 mm
 <b>C5N</b>	50×50 mm	3000...3400 N	3,2...66 m/min (50 Hz) 3,8...71 m/min (60 Hz)	3...37 m/min (50 Hz) 3,8...40 m/min (60 Hz)	400...600 mm	12000 mm
 <b>C8N</b>	40×80 mm	3600...8000 N	5...67 m/min (50 Hz) 4,9...72 m/min (60 Hz)	4,7...56 m/min (50 Hz) 5,7...61 m/min (60 Hz)	600...1200 mm	12000 mm
 <b>C8M (Straight)</b>	40×80 mm	8000 N	5,5...61 m/min (50...60 Hz)	6,5...69 m/min (50...60 Hz)	165...2015 mm (50 mm increments)	12000 mm
 <b>C8M (Curved)</b>	40×80 mm	Depends on application	5,5...61 m/min (50...60 Hz)	6,5...69 m/min (50...60 Hz)	215...1215 mm (50 mm increments)	∞ mm
 <b>C4T</b>	40×40 mm	1600 N	2,75...56 m/min (50 Hz) 3,2...59 m/min (60 Hz)	—	—	400...12000 mm
 <b>C8T</b>	40×80 mm	4000...6000 N	6...63 m/min (50 Hz) 5,7...71 m/min (60 Hz)	6...63 m/min (50 Hz) 6,7...71 m/min (60 Hz)	—	550...12000 mm

## C4N Conveyors

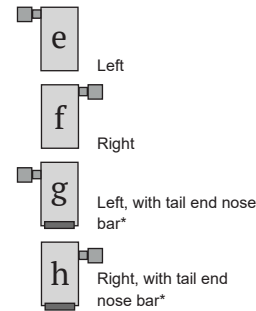
- Frame width from 40 mm...400 mm
- Max. load from 300 N...2400 N
- Belt speed for timing belt drive from 2,6...55 m/min (50 Hz) and from 3,2...58 m/min (60 Hz)
- Belt speed for direct drive from 2,6...30 m/min (50 Hz) and from 3,2...33 m/min (60 Hz)

## Drive Options

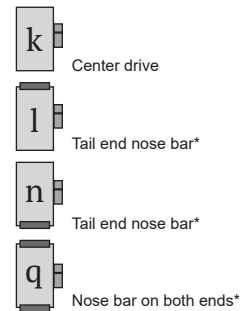
Front end timing belt drive



Front end direct drive



Center drive with timing belt



\* The nose bar facilitates the passage of smaller parts from one conveyor to another without changing their position on the conveyor belt.

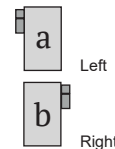


## C5N Conveyors

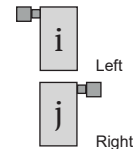
- Frame width from 400 mm...600 mm
- Max. load from 3000 N...3400 N
- Belt speed for timing belt drive from 3,2...66 m/min (50 Hz) and from 3,8...71 m/min (60 Hz)
- Belt speed for direct drive from 3...37 m/min (50 Hz) and from 3,8...40 m/min (60 Hz)

## Drive Options

Front end timing belt drive



Front end direct drive

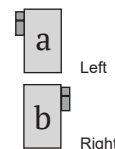


## C8N Conveyors

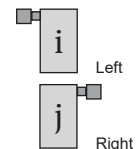
- Frame width from 600 mm...1200 mm
- Max load from 3600 N...8000 N
- Belt speed for timing belt drive from 5...67 m/min (50 Hz) and from 4,9...72 m/min (60 Hz)
- Belt speed for direct drive from 4,7...56 m/min (50 Hz) and from 5,7...61 m/min (60 Hz)

## Drive Options

Front end timing belt drive



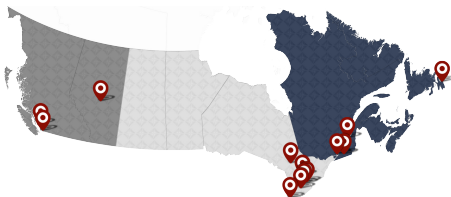
Direct drive with torque arm



# ROBOTUNITS PROAX SUPPORT TEAM



[TECH.SUPPORT@PROAX.CA](mailto:TECH.SUPPORT@PROAX.CA)



**WESTERN**  
Vancouver /  
Edmonton  
604 597-8830

**CENTRAL**  
Windsor / London /  
Sudbury /  
Cambridge / Barrie /  
Toronto  
1 866 592-1240

**EASTERN**  
Montreal / Granby /  
Quebec City /  
St. John's  
1 800 557-7386

[www.proax.ca](http://www.proax.ca)