

Minicon — Flat Belt

Construction:

- **AN ALUMINIUM FRAME WITH A SLEEK APPEARANCE**

A multi-purpose lightweight frame made from high precision aluminium, designed with slits on both sides to provide convenient adjustments and provisional usage.

Outstanding Features:

- **SMALL, SLIM AND SLEEK**

aluminium extrusion at a net weight of 8 kgs, (in case of belt width: 75 mm, overall length of 1m), and the height of frame at 35 mm.

This convenient compact conveyor is not only small, slim and sleek but also light and manageable.

- **ENERGY SAVER**

Since a small induction motor is employed, low electricity consumption ratio makes energy a saving factor.

- **SIMPLE ADAPTATION TO REQUIRED SPECIFICATIONS**

The conveyor is a complete unit by itself and can be easily adapted to suit specific requirements.

- **EASY MAINTENANCE**

Easy-fix construction makes servicing and maintenance virtually trouble-free causing no disruption from work schedules.

- **WIDE RANGE OF MODELS**

There are 48 models which vary from 75 mm to 300 mm in width and from 1 meter to 6 meters in overall conveyor length.

- **REASONABLY PRICED**

An economical price is offered by AUTOVEYOR in an effort to seek standardization.

- **EXCELLENT QUALITY**

The flat belt is of superior quality and is pronounced for its high resistance to oils, chemicals, foods, etc. It is also treated with extreme care in preventing the charging of electrical statics.

- **EASY TRANSPORTATION**

The 35 mm dia pulley at each end of the conveyor, conveys small loads smoothly between conveyors making "difficulty" a thing of the past.

- **EASY-FIX CONSTRUCTION**

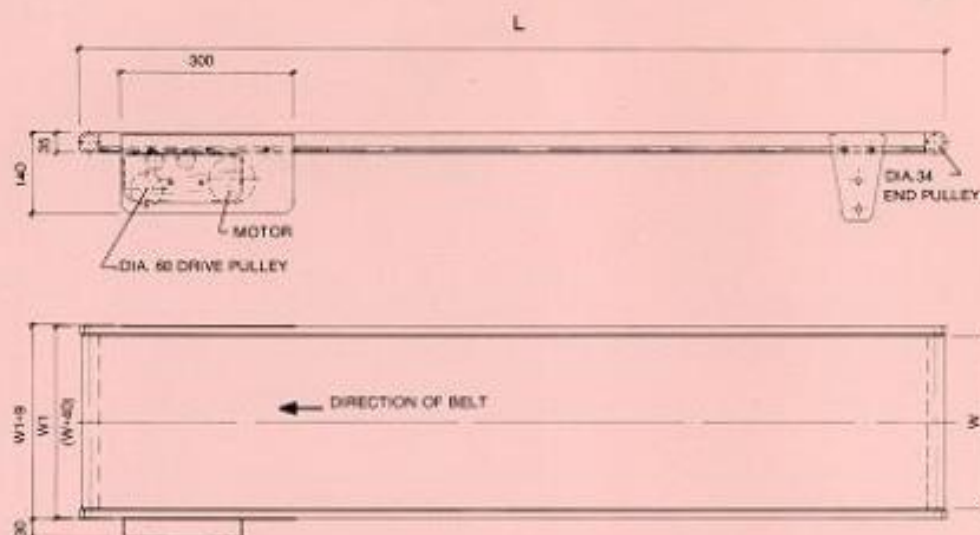
The remarkable easy-fix conveyor makes replacing of units and parts easier and possible by bolt and nut with trouble-free maintenance assured.

- **COMPACT AND SLIDE-FREE DRIVE UNIT**

The drive unit has a relatively small induction motor (or speed control motor), a drive pulley, a belt tension device and start/stop switches built compactly at the slits to enable easy adjustments when required, proving a slide-free drive unit.



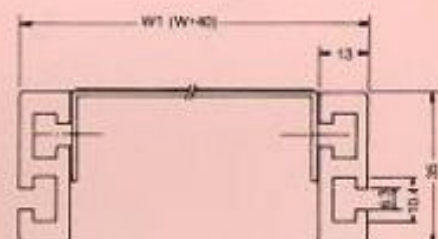
Dimensions



Belt Speed

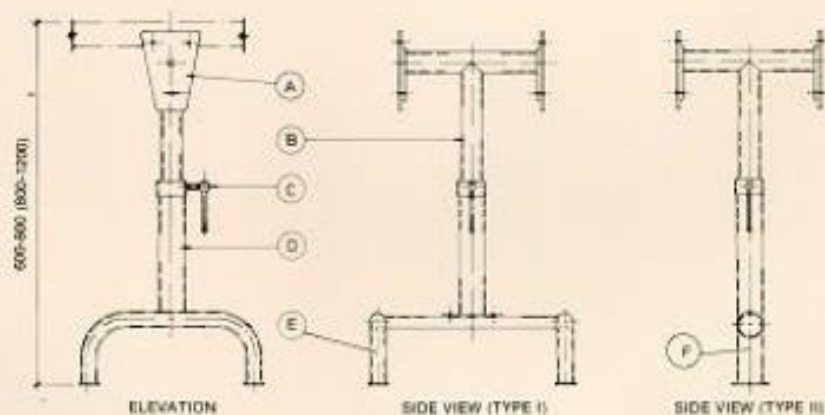
Fixed				Variable			
12K	25K	50K	100K	12U	25U	50U	100U
20	10	5	2.5	20-1.3	10-0.6	5-0.3	2.5-0.16

Power Supply: 220Vac/100Vac, Single Phase, 50/60Hz

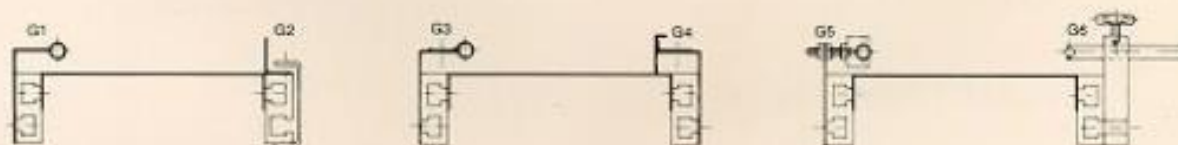


Optional

Stand



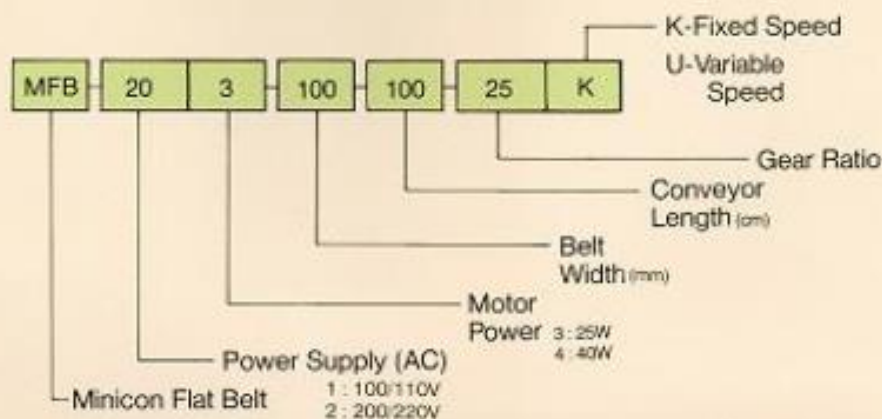
Side guide



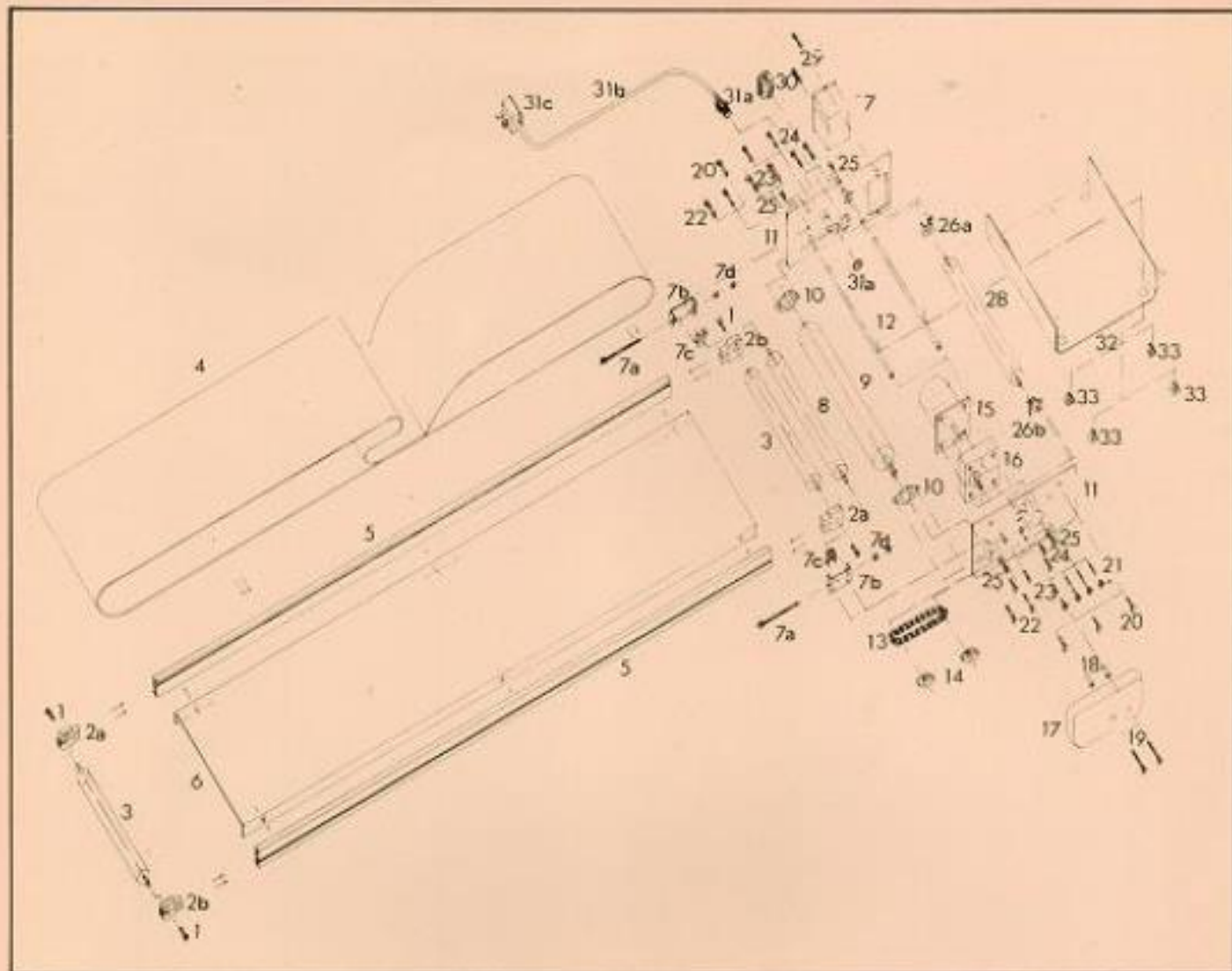
Standard Specification

Model	Length L, mm	Belt Width W, mm	Overall Width W1, mm	Motor	Supply AC	Capacity Kg (At Level)	Weight Kg	
MFB-203-75-100	1,000	75	115	25 W	100/ 110V	15	8	
-203-100-100		100	140				10	
-203-150-100		150	190				11	
-203-200-100		200	240	40 W		25	13	
-204-250-100		250	290				15	
-204-300-100		300	340				17	
-203-75-150	1,500	75	115	25 W		100/ 110V	15	10
-203-100-150		100	140					11
-203-150-150		150	190					12
-203-200-150		200	240	40 W			25	14
-204-250-150		250	290					16
-204-300-150		300	340					17
-203-75-200	2,000	75	115	25 W	100/ 110V		15	11
-203-100-200		100	140					12
-203-150-200		150	190					13
-203-200-200		200	240	40 W			25	15
-204-250-200		250	290					17
-204-300-200		300	340					19
-203-75-250	2,500	75	115	25 W		100/ 110V	15	12
-203-100-250		100	140					14
-203-150-250		150	190					15
-204-200-250		200	240	40 W			25	17
-204-250-250		250	290					19
-204-300-250		300	340					21
-203-75-300	3,000	75	115	25 W	100/ 110V		15	13
-203-100-300		100	140					14
-203-150-300		150	190					16
-204-200-300		200	240	40 W			25	18
-204-250-300		250	290					21
-204-300-300		300	340					22
-203-75-400	4,000	75	115	25 W		200/ 220V	15	16
-203-100-400		100	140					17
-204-150-400		150	190	40 W			25	19
-204-200-400		200	240					21
-204-250-400		250	290					24
-204-300-400		300	340					27
-203-75-500	5,000	75	115	25 W	200/ 220V		15	18
-203-100-500		100	140					19
-204-150-500		150	190	40 W			25	22
-204-200-500		200	240					25
-204-250-500		250	290					28
-204-300-500		300	340					31
-203-75-600	6,000	75	115	25 W		200/ 220V	15	21
-203-100-600		100	140					22
-204-150-600		150	190	40 W			25	25
-204-200-600		200	240					28
-204-250-600		250	290					31
-204-300-600		300	340					34

Selections



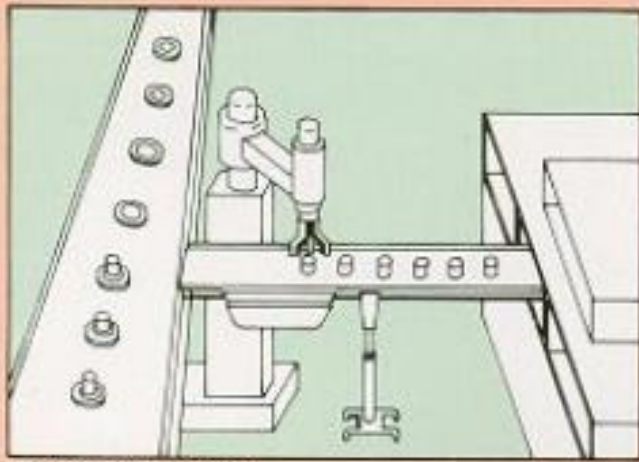
Installation



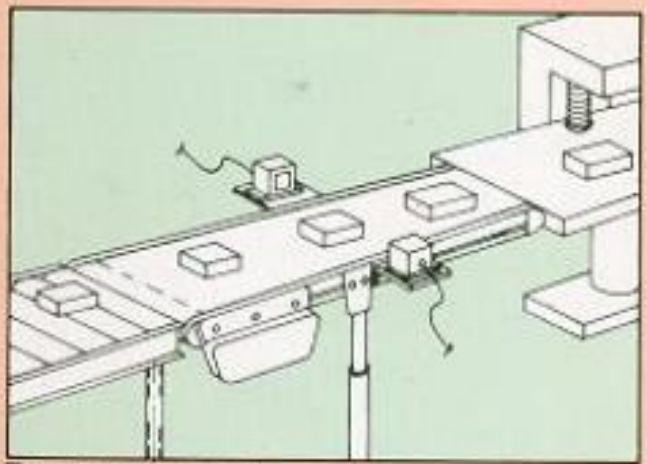
Item	Description	Quantity
1	Cap Screw	4 pcs
2a	End Cap Right	1 pce
2b	End Cap Left	1 pce
3	End Pulley (Dia. 34)	2 pcs
4	Endless Belting	1 roll
5	Aluminium Extrusion	2 Lgth
6	Slider Bed	1 Lgth
7a	Take-Up Assembly	2 Sets
7b		
7c		
7d		
8	Take-Up Pulley	1 pce
9	Drive Pulley (Dia 60)	1 pce
10	Flange Brg	2 pcs
11a	Drive Plate (Right)	1 pce
11b	Drive Plate (Left)	1 pce
12	Bracing	2 pcs
13	Chain	1Lgth
14	Sprocket	2 pcs
15	Motor	1 pce

16	Gear Reducer	1 pce
17	Chain Guard	1 pce
18	Spacer	2 pcs
19	Button Screw	2 pcs
20	Button Screw	6 pcs
21	Button Screw	4 pcs
22	Button Screw	4 pcs
23	Button Screw	4 pcs
24	Button Screw	4 pcs
25	Button Screw	4 pcs
26a	Snub Bkt (Right)	1 pce
26b	Snub Bkt (Left)	1 pce
27	Speed Controller	1 pce
28	Snub Pulley (Dia. 34)	1 pce
29	Button Screw	2 pcs
30	On/Off Switch	1 pce
31a	Cable Gland	1 pce
31b	4.5M Cable	1 pce
31c	3 Pins Plug	1 pce
32	Drive Cover	1 pce
33	Mounting Clip	1 pce

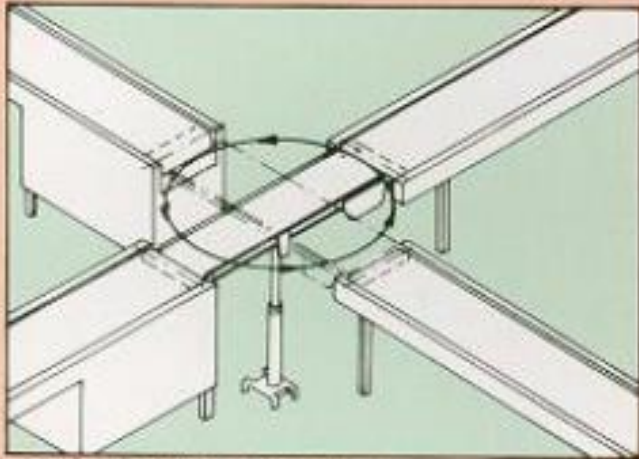
Applications:



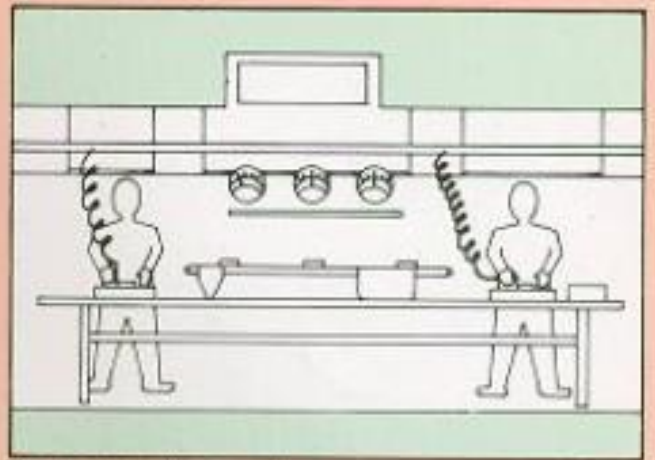
For pick & place



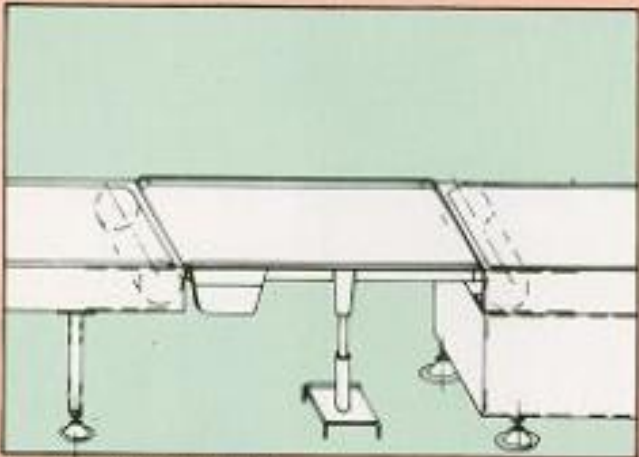
For counting parts



For connecting conveyors



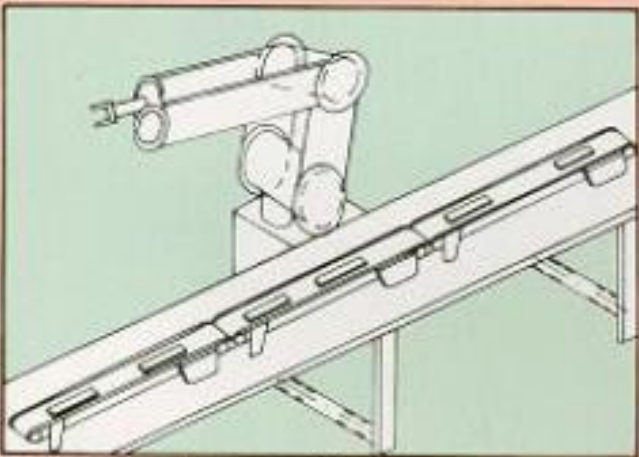
For testing/inspection



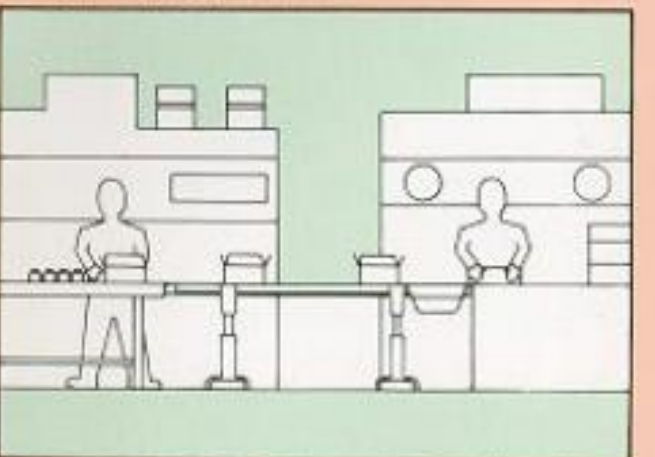
For conveyor link



For packaging machine



For automatic assembly



For transfer of parts between machine