

# MODEL "SPC" Portable Belt Conveyor



- Stamping operations
- Small parts
- Portable or permanent

## STANDARD SPECIFICATIONS

**Belt** - 3 ply PVG (Oil resistant PVC) with 1½" high molded cleats on 12" centers. Available in widths of 4", 6", 8", 10", 12", 16", 18" and 24".

**Bed** - 6½" deep x 12 gauge painted steel with 3½" high solid guard rails both sides.

**Tail Pulley** - 4" diameter crowned with 1¾" diameter shaft.

**Overhead Drive** - 10" clearance over belt, standard.

**Drive Pulley** - 4" diameter crowned and fully lagged with 1¾" diameter shaft.

**Belt Return** - Belt is returned on smooth sheet metal slide.

**Take-Up** - 6" long screws located at tail pulley to tighten belt.

**Portable Supports** - Heavy duty pipe support with 4" diameter casters permit easy mobility of conveyor.

**Bearings** - Sealed prelubricated with cast iron housings.

**Speed Reducer** - C-Face mounted heavy duty worm gear reducer.

**Motor** - ½ HP 230/460-3-60 TE motor.

**Belt Speed** - 60 FPM constant.

**Capacity** - 220 lbs. total distributed live load not to exceed Capacity Chart.

## OPTIONAL EQUIPMENT

**Belt** - ½" x 1" flat wire mesh with 1½" high angle cleats bolted on 12" centers. Others.

**Bed** - Special bed sizes and special material such as stainless steel, galvanized, etc.

**Supports** - Permanent type with adjustment.

**Hopper** - Infeed hopper located on tail pulley end. Sized to suit application.

**Motor** - Single phase, energy efficient, explosion proof, etc. Other HP available.

**Electrical Controls** - Magnetic starters and push button stations. Manual motor starters with overload protection, others.

**Belt Speed** - Constant and variable belt speeds available.

# MODEL "SPC"

Conveyor Length	Belt Width	4"	6"	8"	10"	12"	16"	18"	24"
	Bed Width	8"	12"	12"	16"	16"	20"	24"	30"
	Bed Thickness	12 Gauge Steel							
5'	Weight (lbs.)	348	416	420	473	477	530	583	635
7'		379	447	451	504	508	563	620	675
9'		410	478	482	535	539	596	657	714
11'		441	509	513	566	570	629	694	753
13'		472	540	544	597	601	662	731	792

Portable Base Adjustment Chart (5' to 13' Lengths)

Overall Length	Bed Length	Base Length	Min. Tail Min. Drive		Min. Tail Max. Drive		Max. Tail Min. Drive		Max. Tail Max. Drive		
			"A"	"B"	"A"	"B"	"A"	"B"	"A"	"B"	"C"
5'	4'	22"	11"	41½"	10"	56"	25½"	37½"	26"	54½"	11"
7'	6'	34"	11"	51½"	10"	76½"	44½"	44½"	45"	73½"	11"
9'	8'	46"	11"	64½"	10"	97½"	57½"	57½"	48"	95½"	11"
11'	10'	58"	11"	74½"	10"	118"	67½"	67½"	55½"	116"	11"
13'	12'	58"	11"	86½"	10"	139"	67½"	67½"	55½"	128"	35"

## Load Capacity Chart

60 FPM	
HP	TOTAL LOAD
½	300 lbs.
¾	380 lbs.

