



Granulating & Recycling

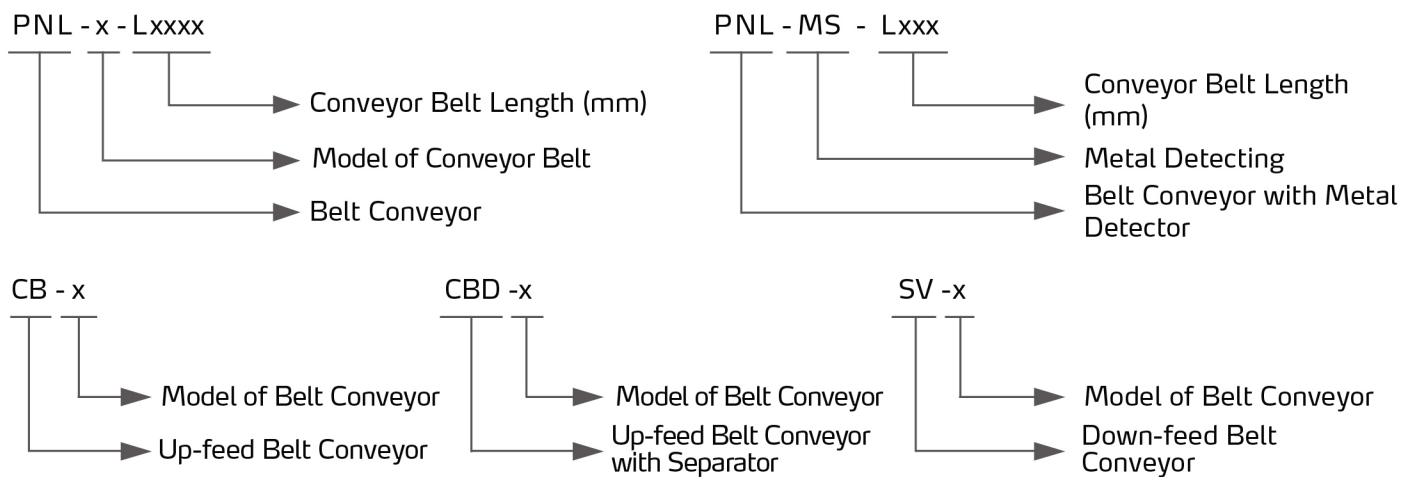
Belt Conveyor

Simple Solution



Belt Conveyor

■ Coding Principle



■ Features

- Mounted on patented "FUTURE" floor stand.
- PVC belt is adopted for smooth and efficient conveying.
- Height adjustable floor stand. PNL series 1~2m/39.4"~78.7" meters of conveying belt has angel adjustable function with a range of 0°~25°.
- CB series has material fence to facilitate regrind conveying, optionally available for PNL series.
- Sidewalls for PNL-MS series, CB (CBD) series, SV series and PNL series are 100mm/3.9", 95mm/3.7", 34 mm/1.3" and 75mm/3" respectively.
- The conveying speed of CB, CBD, PNL and SV series is 3-6m/min .
- All MS series are equipped with channel metal detector to detect effectively the metal in the channel.
- PNL-MS series conveying speed could be adjusted within 1.3~8 m/min (4.3~26.2feet/min) by transducer which is standard configuration.
- Maximum loading capacity of CB, CBD, PNL, SV series is 56kg, PNL-MS series is 150kg/331lb.
- Frequency converter is standard for CB, CBD, PNL, SV series , of which the normal and safe speed range is 3~6.5 m/min.
- PNL-MS-L3500 minimum detectable diameter (metal ball) is $\Phi 5.2\text{mm}/0.2"$.
- PNL-MS-L4500 minimum detectable diameter (metal ball) is $\Phi 8.7\text{mm}/0.34"$.
- Power supply for CB, CBD, PNL and SV series are 1 Φ , 230VAC, 50Hz/ 60Hz.
- Power supply for PNL-MS series are 3 Φ , 400VAC, 50Hz/60Hz.



CBD-12



PNL-2



PNL-MS-L3500



SV-1

■ Application

Shini manufactures five models of belt conveyors as follows under technical license from a leading european manufacturer:

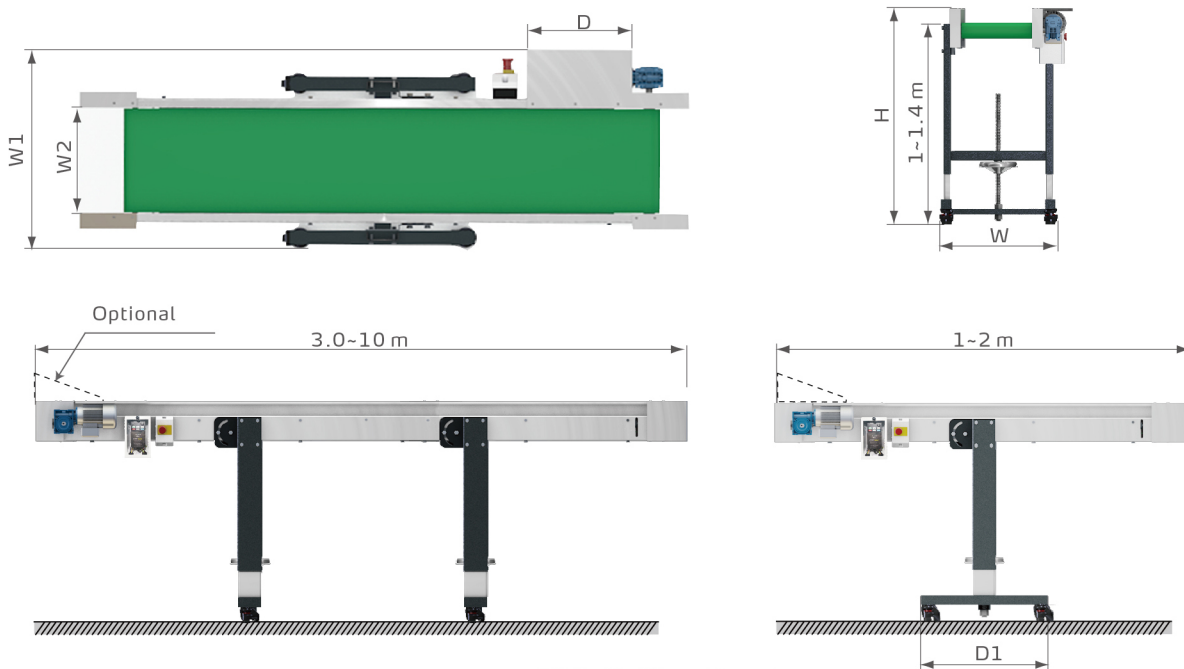
PNL series conveyors feature reliable performance and ease of operation and are suitable for use with CB or SV series conveyors or as stand-alone units.

PNL-MS series belt conveyor with metal detector is a device which can detect the metal contained in the material during conveying and simultaneously activate the alarm.

CBD series conveyors feature reliable performance and ease of operation and are suitable for conveying finished products to separator to separate product from its connecting sprues. The height is adjustable.

SV series conveyors feature reliable performance and ease of operation and are suitable for conveying.

■ Outline Drawings

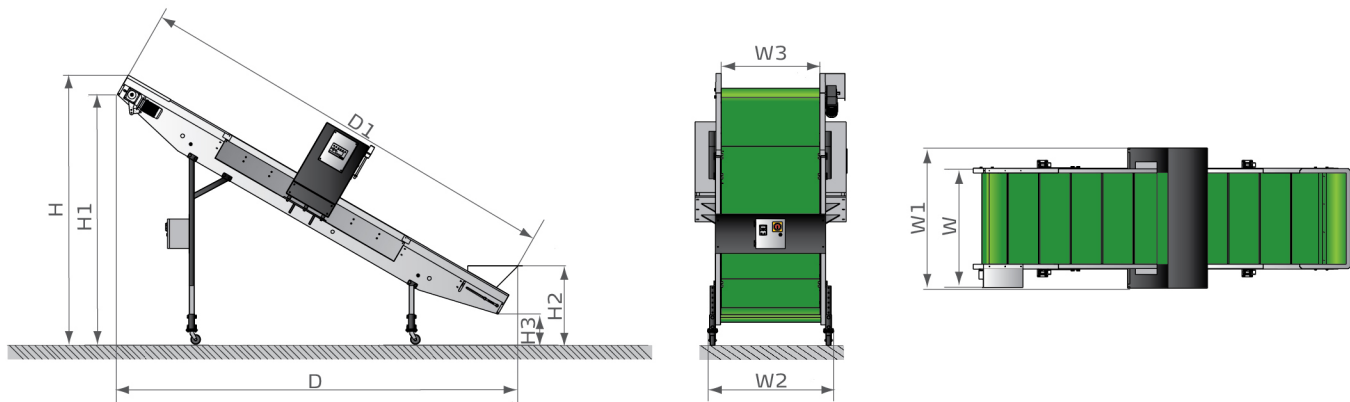


PNL Outline Drawings

Model	PNL-1	PNL-2	PNL-3	PNL-4	PNL-5	PNL-6	PNL-7	PNL-8
W(mm)	466	546	616	746	846	1046	1246	1446
W1(mm)	481	561	631	761	861	1061	1261	1461
W2(mm)	220	300	370	500	600	800	1000	1200
D(mm)	370	370	370	370	370	370	370	370
D1(mm)	650	650	650	650	650	650	650	650
H(mm)	1079+400	1079+400	1079+400	1079+400	1079+400	1079+400	1079+400	1079+400
Belt	Material: PVC/Thickness: 2mm/Color: Green/Temperature resistance: -10°C~+60°C/Anti static, wear-resistant, oil resistant							
Weight(kg)	93	100	106	117	126	143	160	180

We reserve the right to change specifications without prior notice.

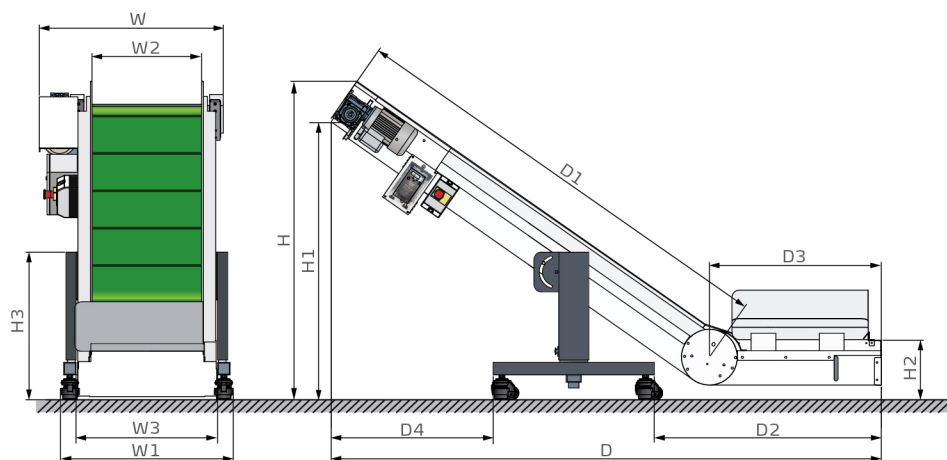
Belt Conveyor



PNL-MS Outline Drawings

Model	PNL-MS-L3500	PNL-MS-L4500
W (mm)	876	1276
W1 (mm)	1140	1540
W2 (mm)	880	1280
W3 (mm)	600	1000
D (mm)	3285	4150
D1 (mm)	3500	4500
H	2309+250	2756+250
H1 (mm)	2110+250	2560+250
H2 (mm)	855+250	805+250
H3 (mm)	360+250	310+250
Belt	Material: PVC/Thickness: 2mm/Color: Green/Temperature resistance: -10 °C~+60 °C/Anti static, wear-resistant, oil resistant	
Weight (kg)	420	670

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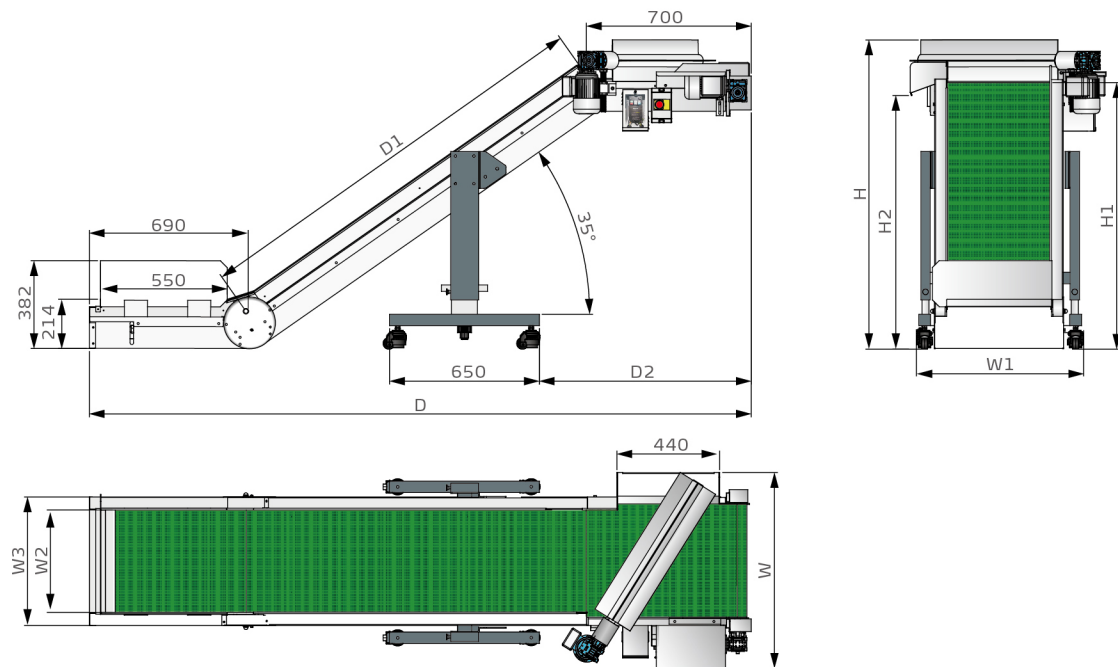


CB Outline Drawing

Model	CB-1	CB-2	CB-3	CB-4	CB-5	CB-6
H (mm)	1020+95	1020+95	1020+95	1240+145	1240+145	1240+145
H1 (mm)	860+95	860+95	860+95	1080+145	1080+145	1080+145
H2 (mm)	270+95	270+95	270+95	200+145	200+145	200+145
H3 (mm)	538+95	538+95	538+95	590+145	590+145	590+145
W (mm)	545	615	745	545	615	745
W1 (mm)	537	608	737	537	608	737
W2 (mm)	250	320	450	250	320	450
W3 (mm)	410	480	610	410	480	610
D (mm)	1810	1810	1810	2220	2220	2220
D1 (mm)	1300	1300	1300	1800	1800	1800
D2 (mm)	870	870	870	940	940	940
D3 (mm)	690	690	690	690	690	690
D4 (mm)	490	490	490	630	630	630
Belt	Material: PVC/Thickness: 2mm/Color: Green/Temperature resistance: -10 °C~+60 °C/Anti static, wear-resistant, oil resistant					
Weight (kg)	92	102	112	100	100	120

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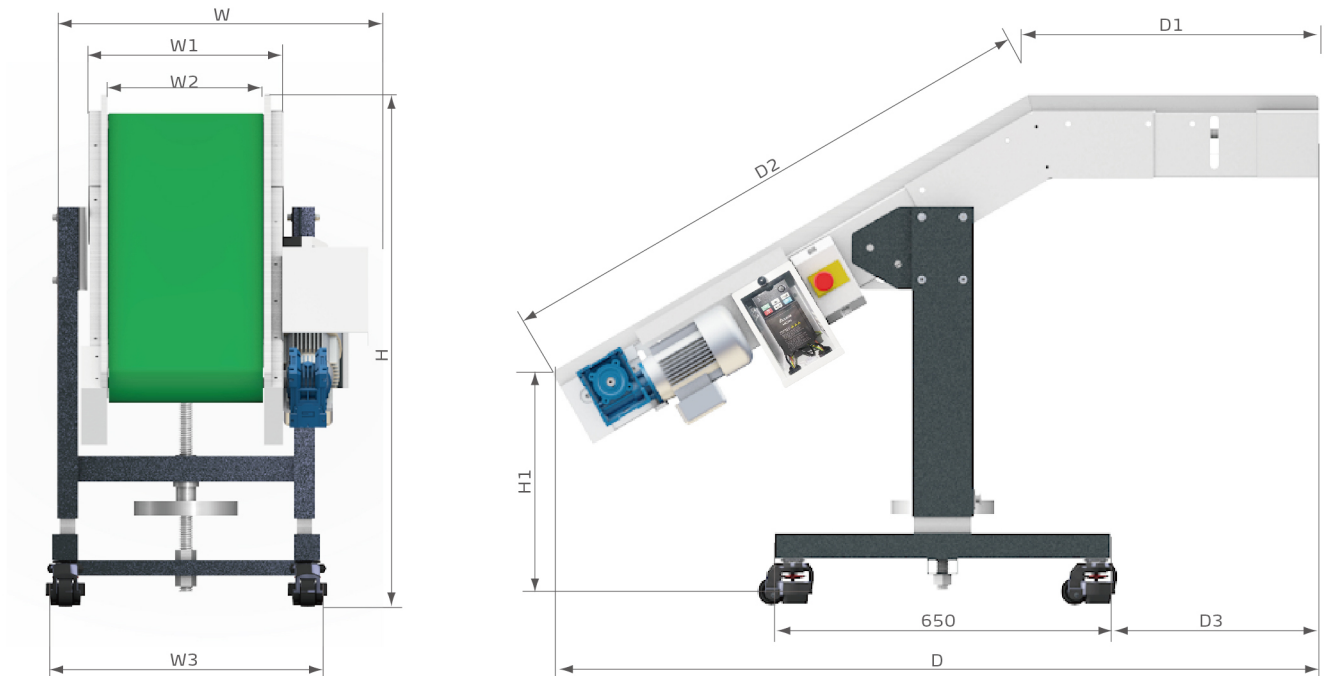
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CBD Outline Drawings

Model	CBD-7	CBD-8	CBD-9	CBD-10	CBD-11	CBD-12
H(mm)	1055+100	1055+100	1055+100	1345+140	1345+140	1345+140
H1(mm)	870+100	870+100	870+100	1160+140	1160+140	1160+140
H2(mm)	813+100	813+100	813+100	1100+140	1100+140	1100+140
W(mm)	650	720	850	650	720	850
W1(mm)	526	596	727	526	596	727
W2(mm)	245	315	445	245	315	445
W3(mm)	358	428	558	358	428	558
D(mm)	2465	2465	2465	2875	2875	2875
D1(mm)	1300	1300	1300	1800	1800	1800
D2(mm)	750	750	750	920	920	920
Belt	Material: PVC flower belt/Thickness: Lotus height 4mm/Color: Green/Temperature resistance: -10℃~+60℃/Anti static, wear-resistant, oil resistant					
Weight(kg)	130	140	155	135	150	169

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SV Outline Drawings

Model	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6
H(mm)	1000~1400	1000~1400	1000~1400	1250~1650	1250~1650	1250~1650
H1(mm)	400~800	400~800	400~800	400~800	400~800	400~800
W(mm)	596	666	796	666	796	896
W1(mm)	371	441	571	441	571	671
W2(mm)	300	370	500	370	500	600
W3(mm)	538	608	736	608	736	836
D(mm)	1480	1480	1480	1910	1910	1910
D1(mm)	564	564	564	564	564	564
D2(mm)	1062	1062	1062	1562	1562	1562
D3(mm)	400	400	400	470	470	470
Belt	Material: PVC/Thickness: 2mm/Color: Green/Temperature resistance: -10°C~+60°C/Anti static, wear-resistant, oil resistant					
Weight(kg)	83	88	93	110	120	130

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Shini Group

Addr: No. 23, Minhe St., Shulin Dist.,
New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com

Factories:

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