



P3 Series Pallet Conveyor

Selection Guide



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Damon
Damon Simplifies Logistics

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Description:

- All "default" items refer to the configuration under the condition that the customer does not require it, and can be adjusted according to the project situation.
- If the "default" is not marked, which means that only marked content is optional.
- For the content not described in this manual, please consult sales person or technical expert of Damon.

Disclaimer:



- We cannot guarantee that this product selection manual is free from omissions. We are not responsible for the use of the information in this selection manual. We shall not be responsible for any form of direct or indirect losses.
- We reserve the right to change information in this product selection manual at any time without notice.
- Damon has the final right to interpret the above.

Pallet Conveying Series

P301A

Double Row Center Drive Chain Conveyor

The double row, center drive, chain conveyor consists of the frame assembly, drive assembly, supports, double row conveying chain and guardrail assembly. The motor is mounted on the centre drive frame and drives the conveying chains on both sides through the drive shaft to transport the goods on the conveying chain. Suitable for the transportation of large cases, boxes and pallets.



Product Performance:

Loading: ≤1500 (kg/m)
Conveying speed: 12, 15, 18, 20 (m/min)
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30% ~ 70% (No condensation)

Chain:

Chain type: C10B-2 double row straight plate conveying chain
Chain rows: 2 rows
Sprocket type: 10B-2 double row sprocket
Tensioning mode: Sprocket tension
Protective headframe: Aluminum casting

Drive:

Drive mode: AC gear motor (Standard: no brake)
Drive voltage: AC380V/3Ph/50Hz (Standard)
Drive power: 0.37, 0.55, 0.75, 1.1, 1.5 (kW)
Drive type: Chain driven
Drive position: L (Motor protective cover mounted at the left side of conveying direction) R (Motor protective cover mounted at the right side of conveying direction)
Control: Damon intelligent motor start (optional)

Installation:

Floor installation: S7011 heavy duty supports
Connecting brackets: S.70F0
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

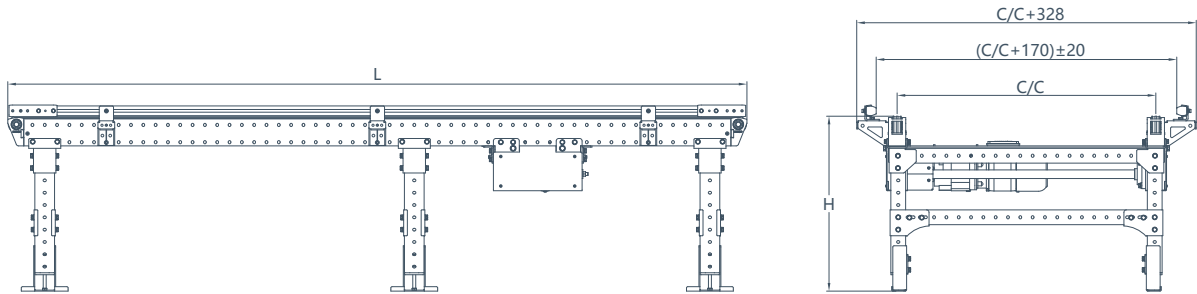
Conveying speed (m/min)	Conveyor loading(kg)					
	500	1000	1500	2000	2500	3000
	Motor power(kW)					
12	0.37	0.37	0.55	0.75	1.1	1.1
15	0.37	0.55	0.75	1.1	1.1	1.5
18	0.37	0.55	1.1	1.1	1.5	1.5
20	0.37	0.75	1.1	1.5	1.5	-

Pallet Conveying Series

P301A

Double Row Center Drive Chain Conveyor

Standard Specification:



C/C	Center distance of chains: 850, 950, 1050, 1250 (mm), 750 - 1450 (mm) can also be selected Guardrail C/C width: $C/C + 170 \pm 20$ (mm)
	Applicable pallet width: $C/C + 150$ (mm)
	Equipment outer width: $C/C + 328$ (mm)
L	Conveyor length: 1250 ~ 6000 (mm), in 250 (mm) increments (Default) 1250 ~ 6000 (mm), in 50 (mm) increments
H	Installation height: $\leq H 500 \sim \leq 1300$ (mm) Optional guardrail: S.0256 guardrail

Configuration:

- Frame H110 x W70 x T3.0 (mm) roll formed, powder coated carbon steel.
- Supports W80 x D60 x T3.0 (mm) roll formed, powder coated carbon steel.
- Idler wheel 90 (mm) 45# steel, heat treatment HRC40-50, surface blackening
- Center drive. Drive shaft equipped with double sided sprockets. $\Phi 35$ (mm) shaft is equipped with square bearing blocks. Each side is fitted with an independent chain tensioning device.
- Fully enclosed sprocket guard with chain 10B-2.
- The chain conforms to GB1243 standard
- Optional: supports, guardrail, pallet entry protection device, side pallet entry protection device, forklift stop, sensor suite.
- The section is fully assembled when shipped (without pre-wiring)

Reference weight: (kg, excludes supports)

C/C (mm)	Conveyor length 3000mm	Per increment of 1000mm
850	150	25
950	155	25
1050	160	25
1250	165	25



RAL7016



RAL1018

Color:

- Standard color of frame and supports: RAL7016 high gloss
- Standard color of motor protective color: RAL1018 high gloss
- Sheet metal guardrail, guardrail end head reinforcing plate, guardrail bracket, screw anchors and other galvanized parts are natural galvanized color
- Guardrail end head parts are black plastic.

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P301B1

Three Row Center Drive Chain Conveyor

The three row, center drive, chain conveyor consists of the frame assembly, drive assembly, supports, double row conveying chain and guardrail assembly. The motor is mounted on the centre drive frame and drives the conveying chains on both sides through the drive shaft to transport the goods on the conveying chain. Suitable for the transportation of large cases, boxes and pallets. The carrying capacity is greater than the double row chain conveyor.



Product Performance:

Loading: ≤1500(kg/m)
Conveying speed: 12, 15, 18, 20(m/min)
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30%~70%(No condensation)

Chain:

Chain type: C10B-2 double row straight plate conveying chain
Chain rows: 3 rows
Sprocket type: 10B-2 double row sprocket
Tensioning mode: Sprocket tension
Protective headframe: Aluminum casting

Drive:

Drive mode: AC gear motor (Standard: no brake)
Drive voltage: AC380V/3Ph/50Hz (Standard)
Drive power: 0.37, 0.55, 0.75, 1.1, 1.5 (kW)
Drive type: Chain driven
Drive position: L (Motor protective cover mounted at the left side of conveying direction) R (Motor protective cover mounted at the right side of conveying direction)
Control: Damon intelligent motor start (optional)

Installation:

Floor installation: S7011 heavy duty supports
Connecting brackets: S.70F0
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

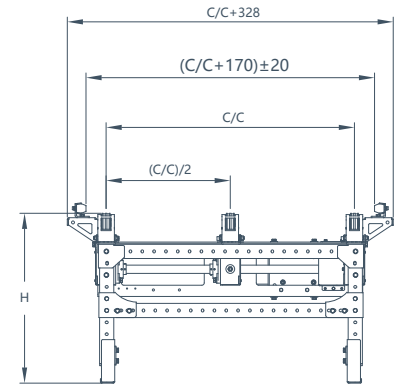
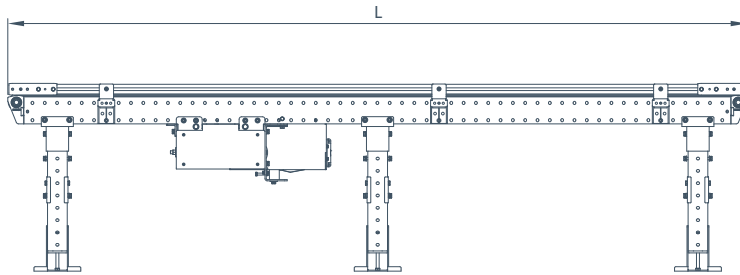
Conveying speed (m/min)	Conveyor loading(kg)					
	500	1000	1500	2000	2500	3000
	Motor power(kW)					
12	0.37	0.37	0.55	0.75	1.1	1.1
15	0.37	0.55	0.75	1.1	1.1	1.5
18	0.37	0.55	1.1	1.1	1.5	1.5
20	0.37	0.75	1.1	1.5	1.5	-

Pallet Conveying Series

P301B1

There Row Center Drive Chain Conveyor

Standard Specification:



C/C Center distance of chains: 850, 950, 1050, 1250 (mm), 750 - 1450 (mm) can also be selected

Guardrail C/C width: $C/C + 170 \pm 20$ (mm)

Applicable pallet width: $C/C + 150$ (mm)

Equipment outer width: $C/C + 328$ (mm)

L Conveyor length: 1250 ~ 6000 (mm), in 250 (mm) increments (Default)
1250 ~ 6000 (mm), in 50 (mm) increments

H Installation height: $\leq H 500 \sim \leq 1300$ (mm)

Optional guardrail: S.0256 guardrail

Configuration:

- Frame H110 x W70 x T3.0 (mm) roll formed, powder coated carbon steel.
- Supports W80 x D60 x T3.0 (mm) roll formed, powder coated carbon steel.
- Idler wheel 90 (mm) 45# steel, heat treatment HRC40-50, surface blackening
- Center drive. Drive shaft equipped with double sided sprockets. $\Phi 35$ (mm) shaft is equipped with square bearing blocks. Each side is fitted with an independent chain tensioning device.
- Fully enclosed sprocket guard with chain 10B-2.
- The chain conforms to GB1243 standard
- Optional: supports, guardrail, pallet entry protection device, side pallet entry protection device, forklift stop, sensor suite.
- The section is fully assembled when shipped (without pre-wiring)

Reference weight: (kg, excludes supports)

C/C (mm)	Conveyor length 3000mm	Per increment of 1000mm
850	204	34
950	212	34
1050	220	34
1250	228	34



RAL7016



RAL1018

Color:

- Standard color of frame and supports: RAL7016 high gloss
- Standard color of motor protective color: RAL1018 high gloss
- Sheet metal guardrail, guardrail end head reinforcing plate, guardrail bracket, screw anchors and other galvanized parts are natural galvanized color
- Guardrail end head parts are black plastic.

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P301B2

Three Row Center Drive Chain Conveyor (Shaft mounted gear motor)

The three row, center drive, chain conveyor consists of the frame assembly, drive assembly, supports, double row conveying chain and guardrail assembly. The motor is mounted on the centre drive frame and drives the conveying chains on both sides through the drive shaft to transport the goods on the conveying chain. Suitable for the transportation of large cases, boxes and pallets. The carrying capacity is greater than the double row chain conveyor.



Product Performance:

Loading: ≤1500(kg/m)
Conveying speed: 12、15、18、20(m/min)
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30%~70% (No condensation)

Chain:

Chain type: C10B-2 double row straight plate conveying chain
Chain rows: 3 rows
Sprocket type: 10B-2 double row sprocket
Tensioning mode: Sprocket tension
Protective headframe: Aluminum casting

Drive:

Drive mode: AC gear motor (Standard: no brake)
Drive voltage: AC380V/3Ph/50Hz (Standard)
Drive power: 0.37, 0.55, 0.75, 1.1, 1.5 (kW)
Drive type: Chain driven
Drive position: L (Motor protective cover mounted at the left side of conveying direction) R (Motor protective cover mounted at the right side of conveying direction)
Control: Damon intelligent motor start (optional)

Installation:

Floor installation: S7011 heavy duty supports
Connecting brackets: S.70F0
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

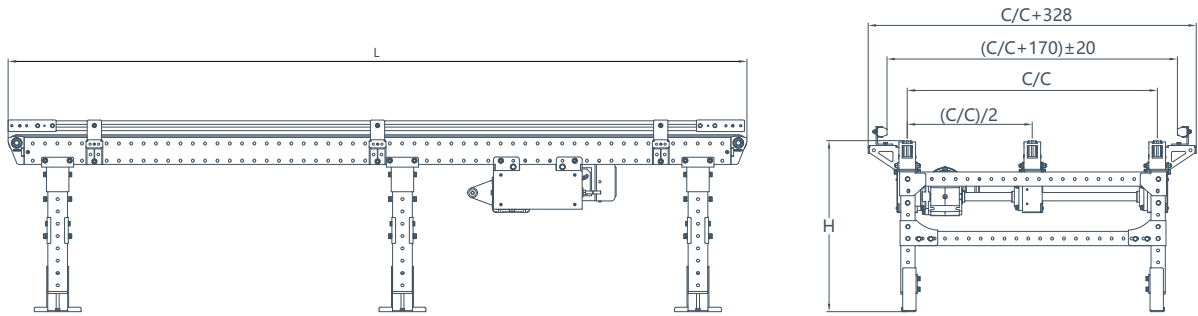
Conveying speed (m/min)	Conveyor loading(kg)					
	500	1000	1500	2000	2500	3000
	Motor power(kW)					
12	0.37	0.37	0.55	0.75	1.1	1.1
15	0.37	0.55	0.75	1.1	1.1	1.5
18	0.37	0.55	1.1	1.1	1.5	1.5
20	0.37	0.75	1.1	1.5	1.5	-

Pallet Conveying Series

P301B2

Three Row Center Drive Chain Conveyor (Shaft mounted gear motor)

Standard Specification:



C/C Center distance of chains: 850, 950, 1050, 1250 (mm), 750 - 1450 (mm) can also be selected

Guardrail C/C width: $C/C + 170 \pm 20$ (mm)

Applicable pallet width: $C/C + 150$ (mm)

Equipment outer width: $C/C + 328$ (mm)

L Conveyor length: 1250 ~ 6000 (mm), in 250 (mm) increments (Default)
1250 ~ 6000 (mm), in 50 (mm) increments

H Installation height: $\leq H 500 \sim \leq 1300$ (mm)

Optional guardrail: S.0256 guardrail

Configuration:

- Frame H110 x W70 x T3.0 (mm) roll formed, powder coated carbon steel.
- Supports W80 x D60 x T3.0 (mm) roll formed, powder coated carbon steel.
- Idler wheel 90 (mm) 45# steel, heat treatment HRC40-50, surface blackening
- Center drive. Drive shaft equipped with double sided sprockets. $\Phi 35$ (mm) shaft is equipped with square bearing blocks. Each side is fitted with an indendent chain tensioning device.
- Fully enclosed sprocket guard with chain 10B-2.
- The chain conforms to GB1243 standard
- Optional: supports, guardrail, pallet entry protection device, side pallet entry protection device, forklift stop, sensor suite.
- The section is fully assembled when shipped (without pre-wiring)

Reference weight: (kg, excludes supports)

C/C (mm)	Conveyor length 3000mm	Per increment of 1000mm
850	184	34
950	192	34
1050	200	34
1250	208	34



RAL7016



RAL1018

Color:

- Standard color of frame and supports: RAL7016 high gloss
- Standard color of motor protective color: RAL1018 high gloss
- Sheet metal guardrail, guardrail end head reinforcing plate, guardrail bracket, screw anchors and other galvanized parts are natural galvanized color
- Guardrail end head parts are black plastic.

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P302

Double Chain Roller Conveyor

The double chain roller conveyor consists of roller section, drive unit with a protective cover, chain and support. Suitable for conveying large boxes / cases and pallets with a flat bottom. The supporting surface of the roller conveyor is large which can effectively support the boxes and pallets and prolong its service life.



Product Performance:

Loading: ≤1500(kg/m)
Conveying speed: 12、15、18、20(m/min)
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30%~70%(No condensation)

Roller:

Roller type: Damon 2321 series M12 internal thread double chain drive roller
Roller diameter: Φ76 x T3.0 (mm), equipped with Φ137 (mm) welded guide ring Φ89 x T3.0 (mm), equipped with Φ150mm welded fixed check ring (The aluminum alloy guide ring is fixed with bolts)
Roller tube material: Carbon steel galvanized, 304 stainless steel, the material of the guide ring is the same as the tube (Φ89mm 304 roller tube is equipped with aluminum alloy guide ring)
Sprocket type: Roller single side 10B-16T double sprocket

Drive:

Drive mode: AC gear motor (Standard: no brake)
Drive voltage: AC380V/3Ph/50Hz (Standard)
Drive power: 0.37, 0.55, 0.75, 1.1, 1.5 (kW)
Drive type: Chain driven
Drive position: L (Motor protective cover mounted at the left side of conveying direction) R (Motor protective cover mounted at the right side of conveying direction)
Control: Damon intelligent motor start (optional)

Installation:

Floor installation: S7011 heavy duty supports
Connecting brackets: S.70F0
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

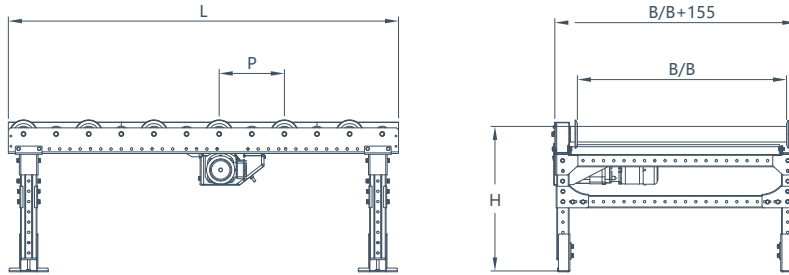
Conveying speed (m/min)	Conveyor loading(kg)					
	500	1000	1500	2000	2500	3000
	Motor power(kW)					
12	0.37	0.37	0.37	0.37	0.55	0.55
15	0.37	0.37	0.37	0.55	0.55	0.75
18	0.37	0.37	0.55	0.55	0.75	0.75
20	0.37	0.37	0.55	0.75	0.75	-

Pallet Conveying Series

P302

Double Chain Roller Conveyor

Standard Specification:



B/B Effective inner width: 820,1020,1120,1220(mm),820~1420 (mm) can also be selected

Frame outer width: B/B + 155mm

L Conveyor length: See table for details

P Roller pitch: 143,158.8,174.7,190.5(mm)

H Installation height: 500mm ≤ H ≤ 1300mm

Optional guardrail: S.0256 guardrail

Configuration:

- One side of the frame section is H140 x W70 x 40 x T5.0 (mm), the other side frame section is H125 x W70 x 40 x T5.0 (mm) fabricated carbon steel and powder coated
- Supports W80 x D60 x T3.0 (mm) roll formed, powder coated carbon steel.
- The chain conforms to GB1243 standard
- 10B-1 drive chain, fully enclosed sprocket guard
- Optional: supports, guardrail, pallet entry protection device, side pallet entry protection device, forklift stop, sensor suite.
- The section is fully assembled when shipped (without pre-wiring)

Color:

- Standard color of frame and supports: RAL7016 high gloss
- Standard color of motor protective color: RAL1018 high gloss
- Galvanized parts are natural galvanized color



RAL7016



RAL1018

Reference weight: (kg, excludes supports)

Roller diameter mm	Effective inner width mm	P143		P158.8		P174.7		P190.5	
		Conveyor length 850mm	Per increment 1000mm	Conveyor length 800mm	Conveyor length 1000mm	Conveyor length 870mm	Conveyor length 1000mm	Conveyor length 950mm	Conveyor length 1000mm
Φ76 Roller	820	92	107	82	102	82	92	87	90
	1020	98	115	87	109	86	98	90	95
	1120	104	123	92	116	90	104	93	100
	1220	110	131	97	123	94	110	96	105
Φ89 Roller	820	97	113	86	108	86	97	91	95
	1020	103	121	91	115	90	103	94	100
	1120	109	129	96	122	94	109	97	105
	1220	115	137	101	129	98	115	100	110

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Standard length (mm)

Length L mm	Roller pitch P(mm)			
	143	158.8	174.7	190.5
850	800	870	950	
1000	950	1040	1140	
1140	1110	1220	1330	
1280	1270	1390	1520	
1430	1420	1570	1710	
1570	1580	1740	1900	
1710	1740	1920	2090	
1850	1900	2090	2280	
2000	2060	2270	2470	
2140	2220	2440	2660	
2280	2380	2620	2850	
2430	2540	2790	3040	
2570	2690	2970	3230	
2710	2850	3140	3420	
2860	3000	3310	3610	
3000	3170	3490	3800	
3140	3320	3660	3990	
3280	3480	3840	4180	
3430	3640	4010	4370	
3570	3800	4190	4560	
3710	3960	4360	4750	
3850	4110	4540	4940	
4000	4270	4710	5130	
4140	4420	4890	5320	
4280	4580	5060	5510	
4430	4740	5240	5700	
4570	4900	5410		
4710	5060	5590		
4850	5220	5760		
5000	5380	5940		
5140	5540			
5280	5690			
5430	5850			
5570				
5710				
5860				

Pallet Conveying Series

P303

Chain Type Power Pop-Up Ttransfer

The chain type transfer consists of the upper chain transfer assembly and upper pop-up section.

Suitable for large cartons / boxes and pallets with flat bottom to divert 90 degrees and change the direction of the conveyed goods.



Product Performance:

Loading: ≤1500 (kg)
Conveying speed: 12, 15, 18, 20 (m/min)
Pop-up time: 2.1 s
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30% ~ 70% (No condensation)

Drive:

Drive mode: AC gear motor (Standard: no brake)
Pop-up: AC gear motor (with brake)
Drive voltage: Conveyor: AC380V/3Ph/50Hz (Standard)
Pop-up + brake: AC380V/3Ph/50Hz (Standard)
Drive power: Conveyor: 0.37, 0.55, 0.75, 1.1 (kW)
Drive type: Chain driven
Control: Damon intelligent motor starter (optional)

Chain:

Chain type: C10B-2 double row straight plate conveying chain
Chain rows: 2 rows
Sprocket type: 10B-2 conveying sprocket, 12B-1 pop-up sprocket
Tensioning mode: Sprocket tension
Protective heasframe: Aluminum casting

Installation:

Floor installation: Screw anchor
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

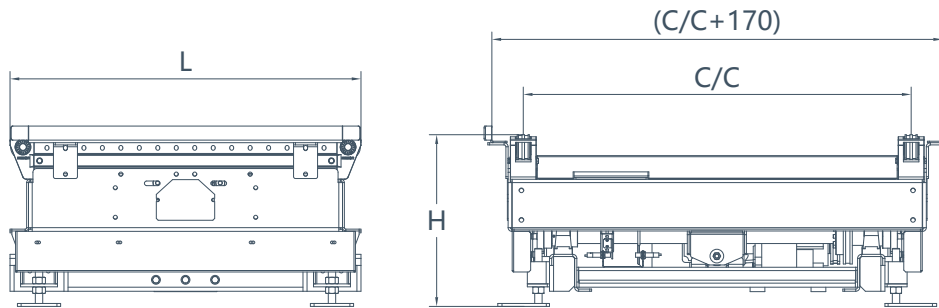
Conveyor loading (kg)	Motor power kW	Conveying speed(m/min)			
		12	15	18	20
500		0.37	0.37	0.37	0.37
1000		0.37	0.55	0.55	0.75
1500		0.55	0.75	1.1	1.1

Pallet Conveying Series

P303

Chain Type Power Pop-Up Ttransfer

Standard Specification:



C/C Center distance of chains: 950,1050,1250(mm),950~1450 (mm) can also be selected

Guardrail B/B width: $(C/C+170) \pm 10$ (mm)

Applicable pallet width: $C/C+150$ mm

Equipment outer width: $(C/C+200) \pm 10$ (mm)

L Conveyor length: 850 ~ 1350 (mm), in increments of 50mm

H Installation height: $\leq H 500 \sim \leq 1300$ (mm) (raised position)

S Lifting stroke: 50mm

Transfer angle: 90°

Optional guardrail: S.0256 guardrail

Configuration:

- Frame H110 x W70 x T3.0 (mm) roll formed, powder coated carbon steel
- The pop-up drive shaft utilises 40 (mm) diameter shaft equipped with vertical bearing seat.
- The conveyor drive shaft utilises 35 (mm) diameter shaft, equipped with square bearing seat
- The chain conforms to GB1243 standard
- 10B-2 conveying drive chain, 12B-1 pop-up drive chain
- Optional: Screw anchors, guardrail (special), sensor suite
- The section is fully assembled when shipped (without pre-wiring)

Color:

Standard color of frame, sheet metal guardrail (special), guardrail bracket, etc.: RAL7016 high gloss



RAL7016



RAL1018

Reference weight: (kg, excludes supports)

Chain center distance C/C mm	Length L (mm)					
	950		1050		1250	
	Total weight(kg)	Weight of transfer section(kg)	Total weight(kg)	Weight of transfer section(kg)	Total weight(kg)	Weight of transfer section(kg)
950	297	135	312	145	342	165
1050	305	140	320	150	350	170
1250	313	145	328	155	358	175

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P304

Roller Type Power Pop-Up Transfer

The roller type transfer consists of the upper roller transfer assembly and upper pop-up section.

Suitable for large cartons / boxes and pallets with flat bottom to divert 90 degrees and change the direction of the conveyed goods.



Product Performance:

Loading: ≤1500 (kg)
Conveying speed: 12, 15, 18, 20 (m/min)
Pop-up time: 2.1 s
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30% ~ 70% (No condensation)

Drive:

Drive mode: AC gear motor (Standard: no brake)
Pop-up: AC gear motor (with brake)
Drive voltage: Conveyor: AC380V/3Ph/50Hz (Standard)
Pop-up + brake: AC380V/3Ph/50Hz (Standard)
Drive power: Conveyor: 0.37, 0.55, 0.75, 1.1 (kW)
Drive type: Chain driven
Control: Damon intelligent motor starter (optional)

Roller:

Roller type: Damon 2321 series double chain driven roller
Roller diameter: Φ76 x T3.0 (mm) / Φ89 x T3.0 (mm)
Roller tube material: Carbon steel galvanized, 304 stainless steel, retianing ring not fitted
Sprocket type: Roller: 10B-16T single side double sprocket; Pop-up: 12B-21T driven sprocket
Installation method: M12 internal thread, shaft mounted and fixed into the frame

Installation:

Floor installation: Screw anchor
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

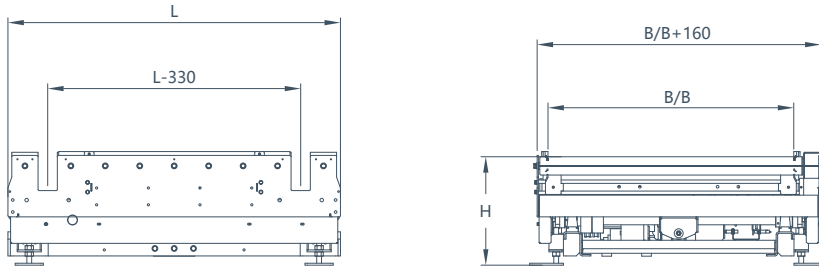
Conveyor loading (kg)	Motor power kW	Conveying speed(m/min)			
		12	15	18	20
500		0.37	0.37	0.37	0.37
1000		0.37	0.37	0.37	0.37
1500		0.37	0.37	0.55	0.55

Pallet Conveying Series

P304

Roller Type Power Pop-Up Transfer

Standard Specification:



B/B Center distance of chains: 1020,1120,1220(mm),820~1420(mm)can also be selected

Applicable pallet width: B/B-20(mm)

Frame outer width: B/B+160(mm)

L Conveyor length: 1180,1280,1380(mm)

Chain groove pitch: L-330(mm)

P Roller pitch: 143mm

H Installation height: ≤H 500 ~ ≤1300 (mm) (raised position)

S Lifting stroke: 50mm

Transfer angle: 90°

Optional guardrail: S.0256 guardrail

Configuration:

- Frame is H255×W55×T5.0 (mm) roll formed powder coated carbon steel
- Roller is equipped with Φ20 (mm) cold drawn steel shaft. Roller bearings on both ends are Damon standard, maintenance free, deep groove ball bearings
- The pop-up drive shaft utilises 40 (mm) diameter shaft equipped with vertical bearing seat.
- The chain conforms to GB1243 standard
- 10B-1 conveying chain, 12B-1 pop-up drive chain, fully enclosed sprocket guard
- Optional: screw anchors, guardrail (special), sensor suite
- The section is fully assembled when shipped (without pre-wiring)

Color:

- Standard color of frame and supports: RAL7016 high gloss.
- Standard color of motor protective color: RAL1018 high gloss.
- Guardrail, guardrail brackets, screw anchors and other galvanized parts are natural galvanized color.



RAL7016



RAL1018

Reference weight: (kg, excludes supports)

Chain center distance C/C mm	Length L (mm)					
	1180		1280		1380	
	Total weight(kg)	Weight of transfer section(kg)	Total weight(kg)	Weight of transfer section(kg)	Total weight(kg)	Weight of transfer section(kg)
820	335	188	350	199	365	210
1020	350	196	365	208	380	220
1120	365	204	380	217	395	230
1220	380	212	395	226	410	240

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P305

Chain Type Power Turntable

The chain type power turntable consists of the upper chain conveying assembly and upper rotation unit.

Suitable for 90° and 180° rotation of large boxes / cases and pallets with a flat bottom. The turntable does not change the orientation of conveying.



Product Performance:

Loading: ≤1500 (kg)
Conveying speed: 12, 15, 18, 20 (m/min)
Rotation speed: 90° ≤4 s/time
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30% ~ 70% (No condensation)

Drive:

Drive mode: Conveyor: AC gear motor (Standard: with brake)
Rotate: AC gear motor (with brake)
Drive voltage: Conveyor + brake: AC380V/3Ph/50Hz (Standard)
Rotate + brake: AC380V/3Ph/50Hz (Standard)
Drive power: Conveyor: 0.37, 0.55, 0.75 (kW) Rotate: 0.37(kW)
Drive type: Chain driven
Control: Damon intelligent motor starter (optional)

Chain:

Chain type: C10B-2 double row straight plate conveying chain
Chain rows: 3 rows
Sprocket type: 10B-2 conveying sprocket
Tensioning mode: Sprocket tension
Protective heasframe: Aluminum casting

Installation:

Floor installation: Screw anchor
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Motor power reference table

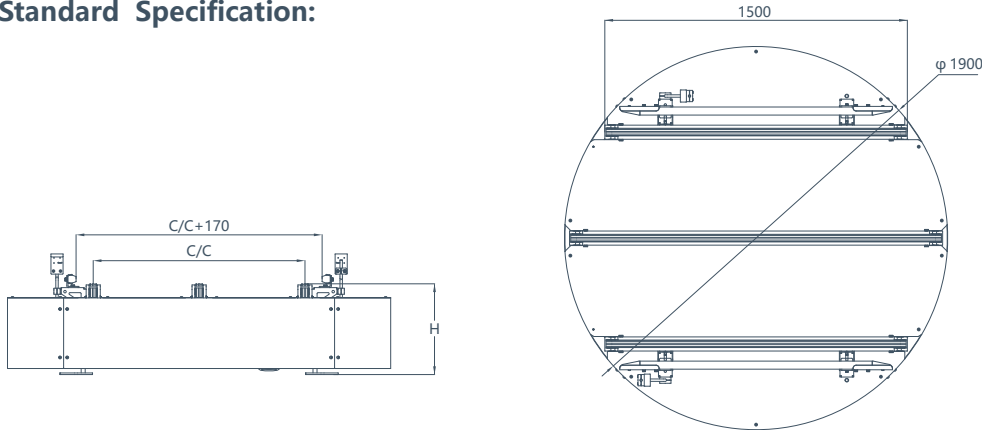
Conveyor loading (kg)	Motor power kW	Conveying speed(m/min)			
		12	15	18	20
500		0.37	0.37	0.37	0.37
1000		0.37	0.55	0.55	0.75
1500		0.55	0.75	-	-

Pallet Conveying Series

P305

Chain Type Power Turntable

Standard Specification:



C/C Center distance of chain: 950、1050 (mm)

Guardrail B/B width: (C/C+170) ±20 (mm)

Applicable pallet width: C/C+150mm

D Rotation diameter: 1900mm

Rotation angle: 90°,180°,(forward and reverse rotation)

H Installation height: ≤H 450 ~ ≤1300 (mm)

Optional guardrail: S.0256 guardrail

Configuration:

- Frame is H110 x W70 x T3.0 (mm) roll formed, powder coated carbon steel
- Screw type adjustable support, adjustment range of ± 30mm
- Uses shaft mounted type drive (shaft diameter Φ30), shaft ends equipped with square bearing seat
- Idler wheel utilises 90 (mm) 45# steel, heat treatment HRC40-50, equipped with deep groove ball bearing 6205, surface blackening
- Rotating pinion utilises 45# steel, surface heat treatment HRC45-50, Mn = 5, 19 teeth
- The chain conforms to GB1243 standard
- Optional: screw anchors, guardrail (special), sensor suite
- The section is fully assembled when shipped (without pre-wiring)

Color:

- Standard color of frame, outer protective cover: RAL7016 high gloss.
- Guardrail, guardrail end reinforcing plate, guardrail brackets, screw rod anchor and other galvanized parts are natural galvanized color.
- Guardrail end head parts are black plastic.



RAL7016

Reference weight: (kg, excludes supports)

Chain center distance C/C mm	Rotation diameter D mm	Weight kg
950	1900	585
1050	1900	580

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P306

Roller Type Power Turntable

The roller type power turntable consists of the upper roller conveying assembly and upper rotation unit.

Suitable for 90 ° and 180 ° rotation of large boxes / cases and pallets with a flat bottom. The turntable does not change the orientation of conveying.



Product Performance:

Loading: ≤1500 (kg)
Conveying speed: 12, 15, 18, 20 (m/min)
Rotation speed: 90° ≤4 s/time
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30% ~ 70% (No condensation)

Drive:

Drive mode: Conveyor: AC gear motor (Standard: with brake)
Rotate: AC gear motor (with brake)
Drive voltage: Conveyor + brake: AC380V/3Ph/50Hz (Standard)
Rotate + brake: AC380V/3Ph/50Hz (Standard)
Drive power: Conveyor: 0.37, 0.55, 0.75 (kW) Rotate: 0.37(kW)
Drive type: Chain driven
Control: Damon intelligent motor starter (optional)

Motor power reference table

Conveyor loading (kg)	Motor power kW	Conveying speed(m/min)			
		12	15	18	20
500	Motor power kW	0.37	0.37	0.37	0.37
1000		0.37	0.37	0.37	0.37
1500		0.37	0.37	0.55	0.55

Roller:

Roller type: Damon 2321 series double chain driven roller
Roller diameter: Φ76 x T3.0 (mm) / Φ89 x T3.0 (mm)
Roller tube material: Carbon steel galvanized, 304 stainless steel, retaining ring not fitted
Sprocket type: Roller: 10B-16T single side double sprocket; Pop-up: 12B-21T driven sprocket
Installation method: M12 internal thread, shaft mounted and fixed into the frame

Installation:

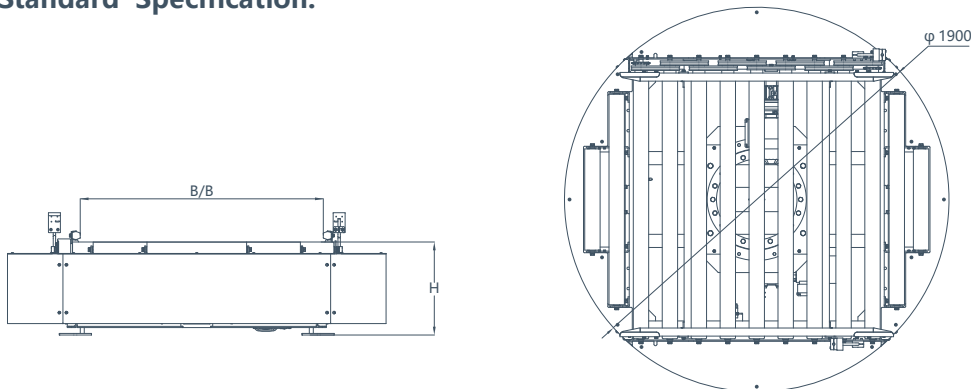
Floor installation: Screw anchor
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB
Operation: Bi-directional

Pallet Conveying Series

P306

Roller Type Power Turntable

Standard Specification:



B/B	Effective B/B width: 1020,1120,1220 (mm)
D	Rotation diameter: 1900mm
P	Roller pitch: 143mm
	Roller angle: 90°, 180° (forward and reverse rotation)
H	Installation height: $\Phi 76$ roller: $\leq H 460 \sim \leq 1300$ (mm)
	$\Phi 89$ roller: $\leq H 470 \sim \leq 1300$ (mm)
	Optional guardrail: S.0256 guardrail

Configuration:

- The frame is manufactured from 5mm steel plate with powder coated finish
- Screw type adjustable support, adjustment range of ± 30 mm
- The side of the drive frame is supported on the frame. The motor is flange mounted on the drive frame
- The gear drive rotary mechanism utilises rotary support
- Rotating pinion utilises 45# steel, surface heat treatment HRC45-50, Mn = 5, 19 teeth
- The chain conforms to GB1243 standard
- 10B-1 conveying drive chain
- Optional: screw anchors, guardrail (special), sensor suite
- The section is fully assembled when shipped (without pre-wiring)

Color:

- Standard color of frame, outer protective cover: RAL7016 high gloss.
- Guardrail, guardrail end reinforcing plate, guardrail brackets, screw rod anchor and other galvanized parts are natural galvanized color.
- Guardrail end head parts are black plastic.



RAL7016

Reference weight: (kg, excludes supports)

Chain center distance C/C mm	Rotation diameter D mm	Weight kg
1020	1900	822
1120	1900	822
1220	1900	823

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Pallet Conveying Series

P307

Pallet Stacker and Dispenser

The pallet stacker and dispenser utilises a symmetrical frame structure which is composed of the frame, movable frame, guide frame, lifting forks, drive unit and protective cover. It has the function of pallet collection and temporary storage, lifting, stacking and dispensing. There is no horizontal conveying function. The unit needs to be used in conjunction with a horizontal chain conveyor.

Suitable for pallets made of all kinds of material and is used for collecting and temporary storage of two way entry pallets, four way entry pallets and double sided pallets. It lifts, stacks and dispenses pallets to achieve a fully automated pallet system.



Product Performance:

Loading: ≤ 400 (kg)

Lifting speed: 1.8 s/time (7.3 m/min)

Ambient temperature: $-5^{\circ}\text{C} \sim +45^{\circ}\text{C}$

Ambient humidity: 30% ~ 70% (No condensation)

Drive:

Drive type: Lift: AC gear motor (with brake)

Horizontal fork: AC gear motor (with brake)

Drive voltage: Lifting + brake: AC380V/3Ph/50Hz (Standard)

Horizontal fork + brake: AC220V/3Ph/50Hz (Standard)

Drive power: Lift: 1.1 (kW)

Horizontal fork: 0.09 kW x 2

Drive type: Chain driven

Control: Damon intelligent motor starter (optional)

Installation:

Floor installation: Adjustable support leg

Ground level: Ground level error $< \pm 0.5^{\circ}$

Noise level: $\leq 70\text{dB}$

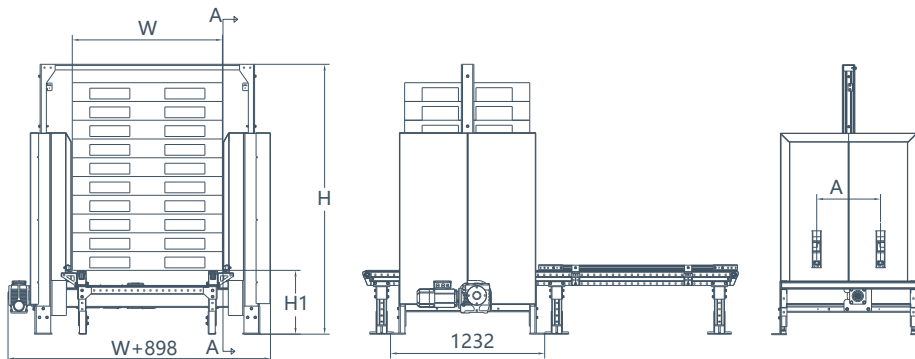
Operation: Bi-directional

Pallet Conveying Series

P307

Pallet Stacker and Dispenser

Standard Specification:



W Applicable pallet width: 800,1000,1100,1200(mm)

L Length: 1232 mm

H1 Matching conveyor height: 500 ~ 850 (mm), in increments of 50mm; 500 ~ 1250 (mm) can also be selected

Pallet number: Max: H150mm x 10 pcs

H Conveyor height: H1+1657mm

A Fork pitch: 510 (mm): 300 - 550 (mm) can also be selected

Color:

- The standard color of frame, movable frame, protective plate, footing: RAL7016 high gloss
- Carbon steel guide rail blackening treatment
- Other galvanized parts are natural galvanized color

RAL7016

Configuration:

- The frame is a bolted frame structure made of folded steel plate. Four columns are equipped with guide rails which are used to guide the driven lifting frame;
- The lifting motor utilises a flange type, shaft mounted motor direct connected drive. The slave shaft is installed at the bottom of the dispenser and stacker. The horizontal fork motors on both sides are driven by micro motors;
- The combined movable frame on both sides is lifted and lowered in horizontal position by chain and guide rail assembly to ensure the accuracy of the position of stacking and dispensing of pallets;
- Both the inside and outside of the frame are equipped with protective covers. The inner protective cover also acts as a guide for the pallets;
- The height of the welding footings is adjustable, adjustment range is ± 15 mm. Four footings are used to adjust the level of the dispenser and stacker;
- The chain conforms to GB1243 standard
- Optional: sensor suite
- The section is fully assembled when shipped (without pre-wiring)

Reference weight: (kg, excludes supports)

Matching pallet width(mm)	800	1000	1100	1200
Total weight(kg)	540	560	570	580

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

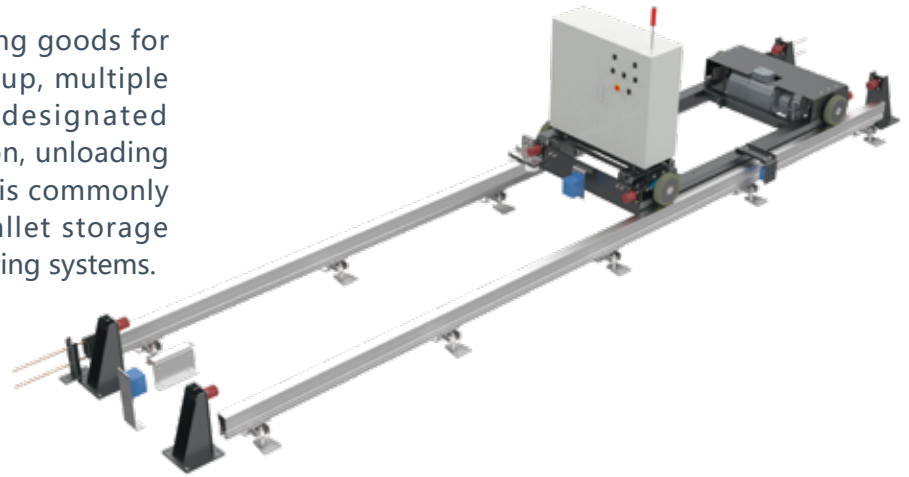
Support Equipment

RGV

Rail Guide Vehicle

The rail guided vehicle consists of the conveying unit, trolley unit, power supply system, rail and end buffers. The vehicle is equipped with a chain type conveyor.

The RGV is suitable for transporting goods for single position storage and pick-up, multiple position storage and pick-up, designated number picking, AB side conversion, unloading and other handling operations. It is commonly used in automatic warehouse pallet storage systems and automated manufacturing systems.



Product Performance:

Loading: ≤1500 kg/Trolley (including conveyor)
Walking speed: 30 ~ 120 (m/min)
Ambient temperature: -5°C ~ +45°C
Ambient humidity: 30% ~ 70% (No condensation)

Drive:

Drive type: AC gear motor (with brake)
Drive voltage: Motor + brake: AC380V/3Ph/50Hz (Standard)
Drive power: 0.55, 0.75, 1.1, 1.5, 2.2, 3.0 (kw)
Drive type: Chain driven
Power supply: Sliding conductor
Control: Damon intelligent motor starter (optional)

Installation:

Floor installation: Special aluminum alloy rail + screw anchors
Fixing: Expansion bolt
Buffers: Buffers are installed at both ends of the rail
Location mode: Barcode positioning, optional laser positioning
Ground level: Ground level error < ±0.5°
Noise level: ≤70dB

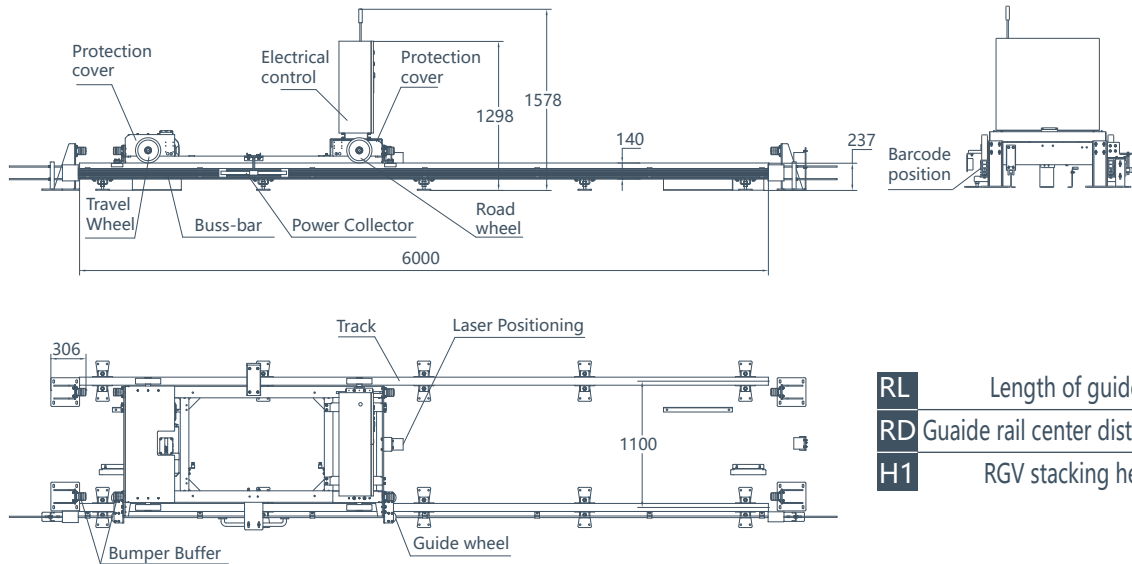
Motor power reference table (Excludes conveyor)

Conveying loading (kg)	Motor power kW	Travel loading(m/min)					
		30	40	50	60	80	120
500		0.37	0.55	0.75	0.75	1.1	1.5
1000		0.55	0.75	1.1	1.1	1.5	2.2
1500		0.75	1.1	1.5	1.5	2.2	3.0

Support Equipment RGV

Rail Guide Vehicle

Standard Specification:



RL	Length of guide rail: ≥6000 mm
RD	Guide rail center distance: 1100 mm
H1	RGV stacking height: 185 mm

Configuration

- Welded frame construction. Two sets of wheels are connected to the trolley frame by bearing seats on both sides of the drive shaft
- Drive wheel diameter Φ220mm, Pu (polyurethane) material coated on the outside
- Two guide wheels are installed at each end of one side of the drive wheel to ensure the accurate running of the trolley unit
- Rotating parts such as trolley unit and drive wheel are equipped with protective covers
- The standard length (RL) of special aluminum alloy rail is 6.0 m which can be joined where the required length exceeds 6.0 m
- Buffers are mounted at both ends of the track in case of failure of trolley brake. Buffer frame is PU material
- Optional: conveyor type
- The rail and conveying unit are not assembled at the time of delivery (without pre-wiring)

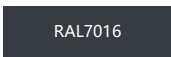
Conveyor

- Chain type conveyor Refer to P301A double row center drive chain conveyor, P301B1/2 three row center drive chain conveyor
- Roller type conveyor Refer to P302 double chain roller conveyor



Color:

- Aluminum alloy guide rail natural finish
- Trolley RAL7016
- Refer to P301 and P302 models for colors of matching conveyors and related components



Reference weight (kg, excludes conveyor)

Product components	Weight (kg)
Trolley unit (equipped with 3kW motor) and end buffers	450
Guide rail assembly weight (approximate)	$26 \times RL \times 2 / 1000$
Total weight	Sum

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Single Accessories

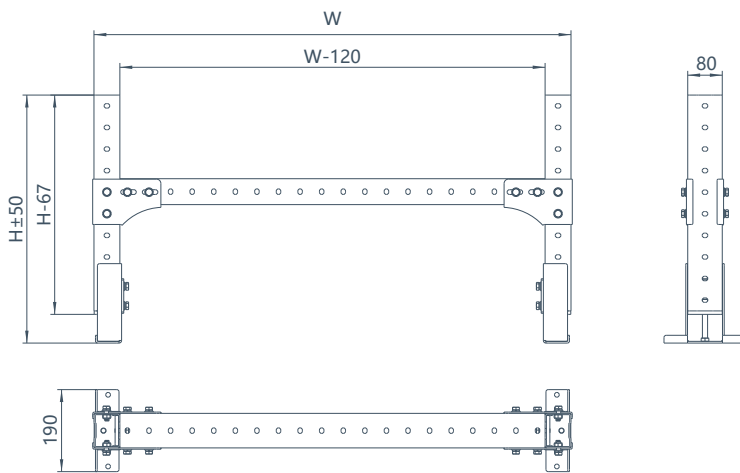
S.7011

Heavy Single Level Double Supports

The heavy duty, single level, double support consists of upper beam, lower beam, cross beam and connecting plates. This support is suitable for P301a, P301b, P302 series pallet conveyors.

Ambient temperature: -5°C ~ +45°C

Ambient humidity: 30% ~ 90% (No condensation)



Assembly effect

Standard Specification:

W	Inner width of roller surface retaining ring(mm): 820,920,1020,1220
W	Outrigger width(mm): 955,1155,1255,1355, 750-1450(mm) can also be selected
H	Outrigger height: Refer to the table Maximum load: ≤1000kg

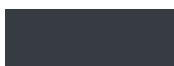
Support height H (mm)		
One cross beam	One cross beam	One cross beam
375	675	975
400	700	1000
425	725	1025
450	750	1050
475	775	1075
500	800	1100
525	825	1125
550	850	1150
575	875	1175
600	900	
625	925	
650	950	

Configuration :

- Beam L80 x W60 x T3.0 (mm) powder coated carbon steel
- Cross beam L80 x W60 x T3.0 (mm) powder coated carbon steel
- Adjustable support leg L89 x W60 x T4.0 (mm) powder coated carbon steel. Adjustable ±50mm
- Support connecting plate T3.0mm powder coated carbon steel

Color:

- Standard color of beam, cross beam and adjustable support leg: RAL7016 high gloss
- Connecting plates and other galvanized parts are natural galvanized color



RAL7016

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

Single Accessories

S.0256

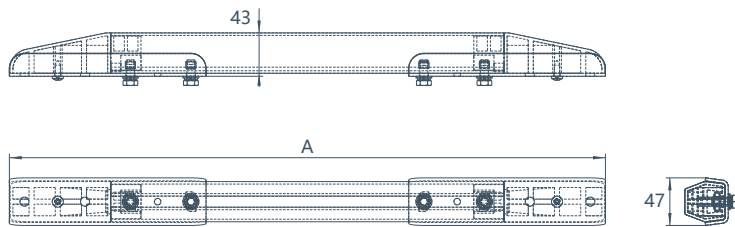
Guardrail

The guardrail consists of guardrail rod, guide head, guide head protective plate and brackets.

This guardrail is suitable for P301A, P301B, P305, P306 series pallet conveyors.

Ambient temperature: -5°C ~ +45°C

Ambient humidity: 30% ~ 90% (No condensation)



Assembly effect

Standard Specification:

D	Guardrail thickness: 40mm
W	Guardrail width: 40mm
A	Guardrail length: 1000~6000(MM), Refer to the figure

护栏长度A (mm)

1240	3740
1490	3990
1740	4240
1990	4490
2240	4740
2490	4990
2740	5240
2990	5490
3240	5740
3490	5990

Configuration :

- Guardrail rod H40 x W40 x T2.5 (mm) galvanized carbon steel
- Guide head: Black PA6 (Nylon 6, also known as polyamide 6)
- Guide head protective plate H47 x W23 x T3.0 (mm) galvanized carbon steel
- Guardrail bracket code: S.0254

Color:

- Guardrail rods, guide head protective plates and brackets are natural galvanized color
- Guide head is black

★The combination of all specifications is not always available.
For details, please consult technical experts at Damon!

DSmart™ 100

Introduction

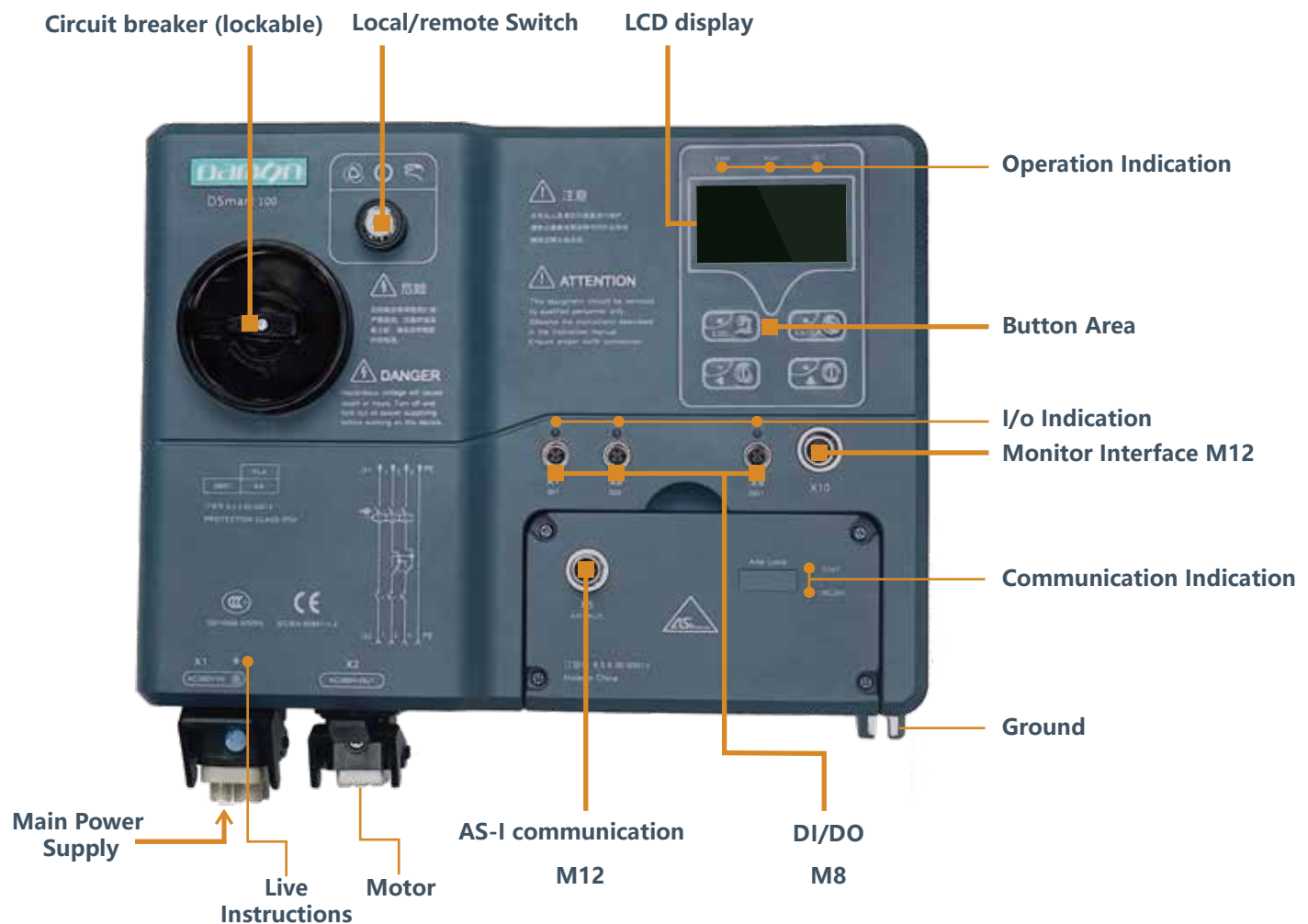
The DSmart™ 100 is a smart motor starter specially designed for use in the logistics industry. It can be used to control and protect motors up to 5.5kW. The DSmart™ 100 adopts distributed drive solutions and is simple to install and easy to use. It is rated to IP54 degree of protection and is certified to CCC and CE. It is ideally suited for logistic systems for tobacco, books, apparel, e-commerce, pharmaceutical and other industries



Main Character

- Plug and play technology makes connection and disconnection of the main loop cable, communication cable and IO cable easier.
- The high IP54 degree of protection is ideal for site installation.
- To protect the motor, the built in instrument transformer measures the motors operational values and triggers the alarm signal when the pre-set values are exceeded.
- All motor functions can be easily set through the local control panel.
- The wide voltage range covers a variety of power supplies to effectively reduce the number of spare parts.
- All specifications have the same dimensions for easy storage and installation.
- The optional hand operator provides convenient auxiliary functions for commissioning such as start / stop and effectively control the motor speed.

Port definitions



DSmart™ 100

Basic Data

Project		Specifications
Main power input	Rated voltage	380V/415V(optional);Three-phase power supply (range of fluctuation: -10%--+10%)
	Input frequency	50/60Hz
	Allowable voltage fluctuation	Voltage unbalance <3%
Control power input	Voltage range	20.4 ... 28.8 VDC
	Power consumption	<250mA (DO power consumption is calculated separately)
Environmental conditions	Storage temperature	-40℃...+70℃
	Working temperature	-10℃...+50℃
	Temperature derating	> 40 ℃,every increase 1 ℃,rated output current is reduced by 2%,the highest 55 ℃
	Allowable mounting position	Vertical,Lateral
	Relative humidity	10% to 90%; No condensation
	Vibration resistance	2g (IEC 60068,Part 2-6)
	Altitude	1000m
	Altitude derating	>1000m,℃,every increase 100m,the product capacity is 2% lower (the max. altitude is 2000m).
DI/DO	DI	2 channels,NPN/PNP adaptive,external 24V power supply,input function can be defined
	DO	1 channel, output 24V, 500mA, function can be defined
Motor protection	Overcurrent protection, Locked-rotor protection, Short circuit protection,Phase imbalance protection	
Communication function	AS-I	GB/T18858.2-2012/IEC52026-2; 2008;
	Profibus-DP	IEC1158-2

Indicator specifications

LED indicators are provided on the DSmart™ 100 to provide the current operational status of equipment at a quick glance.

LED	Application	Explanation
Red: Warning/Reminder	Live instructions	Main power supply is energized. Please be careful!
	ERR	Equipment failure
Yellow: Signal, Operating state, Communication state	STAT	Flashing: communication is normal
	24V	The power supply is normal
	I/O	State of DI/DO (X7, X8, X9)
	RUN	The device is running
	SET	The device can view and parameters can be change
Attached indicator	Basic indicator of equipment operation (forward turn,reverse turn,quick stop,point move)	

Live indicator



○ ○ Indicating LED indicator

DSmart™ 100

Product advantages

1. Various bus modules can be replaced at will



2. Friendly man-machine interface



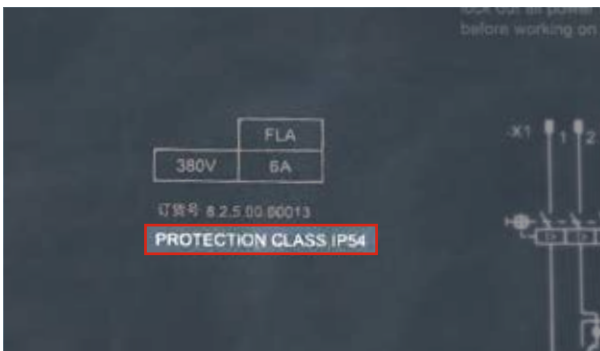
3. Quick plug-in



4. Status indication



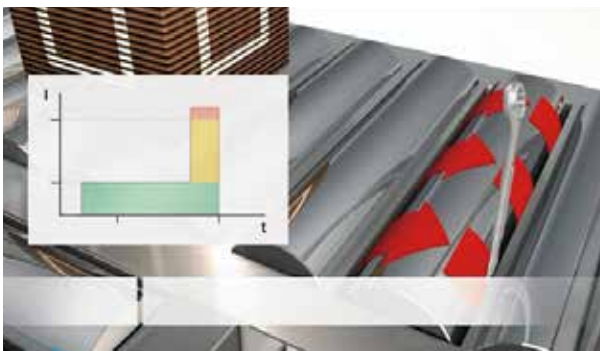
5. High degree of protection (IP54)



6. Compliance with national and international





7. Powerful diagnostic protection system



8. Only components from well known international suppliers are used.



Compare the information

		Traditional way	DSmart™100
Figure example			
Basic features	Plug and play technology	○	√
	The main circuit breaker	○	√
	Safety select key switch	X	√
	EMC electromagnetic compatibility	X	√
	Parameter storage (EEPROM)	X	√
	Integrated maintenance position lock device can hang up to 3 locks (for multi-level maintenance)	○	√
	Protection class IP54	X	√
	Integrated load monitoring functions	X	√
	LED large-screen multi-language display	X	√
	NPN/PNP sensor interface adaptive	X	√
	CCC and CE certification	X	√
Basic functions	Reversible starting	○	√
	Integrated short circuit and overload protection (parameterized inverse timing protection of motor overload)	X	√
	Strong Current alarm function	○	√
Advanced Function	System self-detection	X	√
	Output missing phase detection	X	√
	Output phase imbalance	X	√
	Locked-rotor test	X	√
	Block detection	X	√
	Communication fault detection	X	√
	Output short circuit detection	X	√
	Low current detection	X	√
Optional items	Input voltage: 380VAC/415VAC(optional)	○	○
	Communication: AS-I/Profibus-DP /ProfiNet	○	○
	Motor current: 0~6A/5~12A	○	○
	Braking mode: NO / YES ¹	○	○
Communication interface	Digital input	○	√
	Digital output	○	√
	TTL debugging interface	X	√
	AS-I	○	√
	Profibus-DP	○	√
	ProfiNet	○	√

○-Optional functions

¹-Default brake coil voltage 380V AC

System Component

D.9001

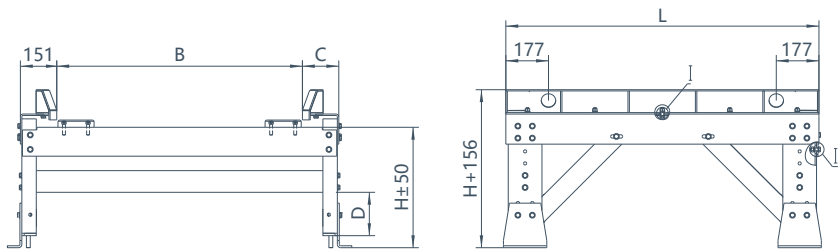
Pallet Entry Protection Device

The pallet entry protection device consists of guide frames, cross braces, uprights, side beam, diagonal pull rods and footing plates. The forklifts load goods at the front of pallet entry protection device. This support is suitable for P301A, P301B, P302 and other series pallet conveyors.



Ambient temperature: -5°C ~ +45°C

Ambient humidity: 30% ~ 90% (No condensation)



Assembly effect

Standard Specification:

B	Height of pallet entry protection device:	P301series	920, 1020, 1120, 1170, 1200, 1220, 1270, 1320, 1420(mm)
C	Width of side frame:		151 mm
B	Width of pallet entry protective device:	P302series	1020, 1120, 1200, 1220, 1620(mm)
C	Width of side frame:		201 mm
D	Lower edge height of cross beam:	Refer to the table	
H	Conveying surface height:	Adjustable ±50mm. Refer to the table for specifications	
L	Length of pallet entry protection device:	1300 (mm)	

Size of pallet entry protection device (mm)

D	H
180	500
	550
	600
	650
	700
230	750
	800
	850
	900
	950
330	1000
	1050
	1100
380	1150
	1200
	1250
	1300

Configuration:

- Guide frame, cross beam and column are welded and powder coated carbon steel
- Pull rod, side beam, side diagonal pull rod are T6.0 (mm) powder coated carbon steel
- Footing plate is T8.0 (mm) powder coated carbon steel
- Stop block is T30 (mm) powder coated carbon steel

Color:

- Standard color of guide rack, cross brace, column, pull rod, side beam, diagonal pull rod, footing plate: RAL 7016 high gloss
- Galvanized parts are natural galvanized color



RAL7016

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

System Component

D.9002

Side Pallet Entry Protection Device

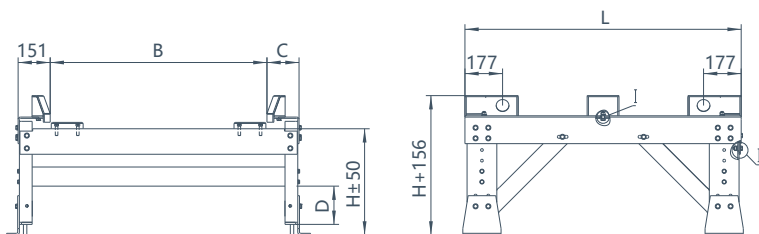
The pallet entry protection device consists of guide frames, cross braces, uprights, side beam, diagonal pull rods and footing plates. The forklifts load goods at the front of pallet entry protection device.

This support is suitable for P301A, P301B, P302 and other series pallet conveyors.



Ambient temperature: -5°C ~ +45°C

Ambient humidity: 30% ~ 90% (No condensation)



Assembly effect

Standard Specification:

B	Height of side pallet entry protection device:	P301series	1020	1120	1170	1220	1320
C	Width of side frame:	mm	151				
D	Lower edge height of cross beam:	Refer to the table					
H	Conveying surface height:	Adjustable ±50mm. Refer to the table for specifications					
L	Length of side pallet entry protection device:	1300 (mm)					

Size of pallet entry protection device (mm)

D	H
180	500
	550
	600
	650
230	700
	750
	800
	850
280	900
	950
	1000
	1050
330	1100
	1150
	1200
	1250
380	1300

Configuration:

- Guide frame, cross beam and column are welded and powder coated carbon steel
- Pull rod, side beam, side diagonal pull rod are T6.0 (mm) powder coated carbon steel
- Footing plate is T8.0 (mm) powder coated carbon steel
- Stop block is T30 (mm) powder coated carbon steel

Color:

- Standard color of guide rack, cross brace, column, pull rod, side beam, diagonal pull rod, footing plate: RAL 7016 high gloss
- Galvanized parts are natural galvanized color



RAL7016

★The combination of all specifications is not always available.
For details, please consult technical experts at Damon!

System Component

D.9003

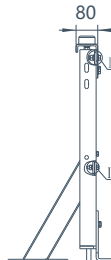
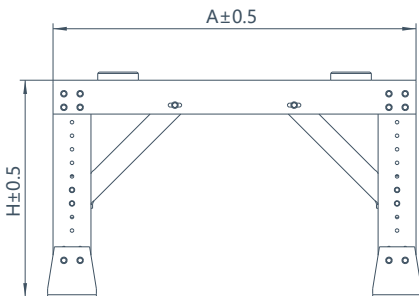
Pallet Exit Protection Device

The pallet entry protection device consists of guide frames, cross braces, uprights, side beam, diagonal pull rods and footing plates. The forklifts load goods at the front of pallet entry protection device.

This support is suitable for P301A, P301B, P302 and other series pallet conveyors.

Ambient temperature: $-5^{\circ}\text{C} \sim +45^{\circ}\text{C}$

Ambient humidity: $30\% \sim 90\%$ (No condensation)



Assembly effect

Standard specification:

A	Conveying width:	P301 series	A: 1340、1440、1540、1640(mm) A is the chain center distance of chain conveyor +490(mm)
		P302 series	A: 1590、1690、1790、1890(mm) Roller guide ring pitch of double chain driven roller conveyor +570(mm)
H	Conveying height:	550,600,650,700,750,800,850,900,950,1000,1050, height: 1100,1150,1200,1250,1300,±50mm	

Configuration:

- The column and diagonal brace are manufactured from welded and powder coated carbon steel
- The pull rod and inclined rod are T6.0 (mm) powder coated carbon steel
- Footing plate is T8.0 (mm) powder coated carbon steel
- Stop block is T30 (mm) carbon steel and powder coating

Color:

- Standard color of column, pull rod, diagonal pull rod, footing plate and stop block: RAL7016 high gloss
- Galvanized parts are natural galvanized color



RAL7016

★The combination of all specifications is not always available. For details, please consult technical experts at Damon!

System Component

S.5012

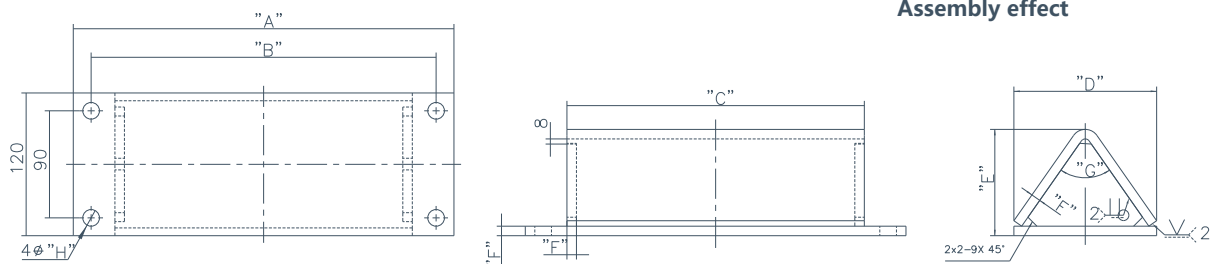
Forklift Stop

Forklift stops are an angled stop device fixed on the ground in front of the pallet entry and pallet exit protection devices to prevent the forklift from accidentally hitting the conveyor.

The forklift stop is suitable for installing at the front of the front pallet entry protection device, side pallet entry protection device and pallet exit protection device.

Ambient temperature:-5°C~ +45°C

Ambient humidity:30%~90%(No condensation)



Assembly effect

Standard specification:

Specifications code	Unit	A	B	C	D	E	F	G	H
0001-xx	mm	320	290	250	120	89.5	8	70°	14
0002-xx	mm	230	200	160	113	61	5	90°	11

Configuration:

- Specification 0001-XX utilises 8mm welded and powder coated carbon steel
- Specification 0002-XX utilises 5mm welded and powder coated carbon steel

Color:

- Standard color: RAL1018 high gloss



RAL1018

★The combination of all specifications is not always available.
For details, please consult technical experts at Damon!

Case Show



Case Show





Damon has long been dedicated to the research and development of leading edge technology in the area of intelligent logistics delivery and sorting systems. Damon combines integrated system planning, product development, product manufacturing and project services to improve the competitiveness for our customer' s logistics systems. Solutions and products are widely used in e-commerce, express delivery, shoes and clothing, pharmaceutical, intelligent manufacturing and associated supporting industries.

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