

Flexible Gravity Roller Conveyor **WS**



INTRODUCTION

It is a NON-POWERED flexible conveyor, which is extendable, retractable and bendable. It is a cost-efficient replacement of flexible motorized roller conveyor.

Application:

- *Loading or unloading flat-bottomed items (cartons, boxes, cases, etc) in shipping docks
- *General material transferring in warehouse/storehouse, workshops, factories, etc.



Applied in warehouse, workshops, etc



End stopper to avoid packages falling down



Double roller track possible



Plastic roller, single or double tacks available

TECHNICAL PARAMETERS

Model	Length (mm)	Width (mm)	Height (mm)	Capacity (kg/m)	Roller Dia. (mm)	Roller No. (pcs/meter)
WS-6	2760~6600	600	700~1000	50	50 / 38	9/18
WS-10	4600~11000	600	700~1000	50	50 / 38	9/18
WS-20	9200~22000	600	700~1000	50	50 / 38	9/18

P.S.: * More other specifications are available.

* -6, -10...means one set of conveyor is composed of 6 or 10 sections of WS.

* WS is optional in length, counted by "section", each 460-1100mm extendable.

Flexible Gravity Skate-Wheel Conveyor

FS/FP

FLEXIBLE CONVEYOR SERIES



INTRODUCTION

It is a NON-POWERED flexible conveyor, which is extendable, retractable and bendable. It is a cost-efficient replacement of flexible motorized roller conveyor.

Application:

- *Loading or unloading flat-bottomed items (cartons, boxes, cases, etc) in shipping docks
- *General material transferring in warehouse/storehouse, workshops, factories, etc.



Optional width:
450mm or 600mm



Flexible extension ratio:
near 1:3



Adjustable working
height: 700-1000mm



Wheel material options:
steel/plastic, dia. 48mm

TECHNICAL PARAMETERS

Model	Length (mm)	Width (mm)	Height (mm)	Capacity (kg/m)	Wheels /Axle (pc)	Axles (pc) /section	Wheel Material
FS-6/FP-6	2220~6900	450 / 600	700~1000	40	6/8	9	Steel/Plastic
FS-10/FP-10	3580~11300	450 / 600	700~1000	40	6/8	9	Steel/Plastic
FS-20/FP-20	6980~22300	450 / 600	700~1000	40	6/8	9	Steel/Plastic

P.S.: * More other specifications are available.

* -6, -10...means one unit of conveyor is composed of 6 or 10 sections of FS/FP.

* FS/FP is optional in length, counted by "section", each 340-1100mm extendable.

Gravity Roller Conveyor **GRC**



INTRODUCTION

It is one of the most common conveyors applied in conveying flat-bottomed items like cases, boxes and pallets. Small, soft or irregular items are supposed to put on trays or other flat containers when transferred. Without any motors, it requires manual or other forces to move on items.

Application:

- *Manually transfer general flat-bottomed packed usually in warehouses
- *Assembly line for slow processing or huge heavy items like refrigerators, washing machines, etc.

Features:

Cost efficient, easy to maintain, durable, large and efficient distribution

OPTIONS

CONVEYOR FORM:

Lineal, Curve, Levered, T-shaped, L-shaped, Z-shaped, C-shaped, O-shaped, etc

ROLLER TYPE:

Zinc-plated, Chrome-plated, Rubber-coated, SUS201, SUS304, Plastic, etc

FRAME MATERIAL:

Painted carbon steel, Powder coated carbon steel, Stainless steel (SUS 201, SUS304, SUS 316), etc

REF. PICTURES



3M gravity roller conveyor bodies



Ground gravity roller conveyor curves



Gravity roller sections as moving tracks for pallets



Double-track gravity roller conveyor



Gravity roller sections for racking systems



Stainless steel roller conveyor with side guides

TECHNICAL PARAMETERS

ITEMS	OPTIONS	ITEMS	OPTIONS
Length	Optional, not limited	Roller Diameter	Optional, 50mm as a factory standard
Width	Optional, 600mm effective as a factory standard	Roller Distance	Optional, 100mm central as a factory standard
Height	Optional, 700mm as a factory standard	Side Frame Overheight	Optional, 50mm as a factory standard
Capacity	Optional, 50kg/m commonly designed, max. 1500kg/m	Legs / Support	With foot cups or universal castors

P.S.: *Gravity Roller Conveyor (GRC) can be fully customized as per specific requirements.



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Gravity Skate Wheel Conveyor **GWC**



INTRODUCTION

It is a kind of gravity conveyor which is of skate wheels and it can be fully customized in different specifications and forms. Without any motors, it requires manual or other forces to move on items.

Application:

- *Manually transfer general flat-bottomed packed usually in warehouses
- *Assistant conveyor unit when loading or unloading

Features:

Flexible wheels, Cost efficient, easy to maintain, durable, large and efficient distribution

TECHNICAL PARAMETERS

ITEMS	OPTIONS	ITEMS	OPTIONS
Form	Usually linear or curved	Skate Wheel Type	Steel or plastic
C/V Specs.	Optional, as per specific application	Wheel Diameter	48mm standard
Wheel Distance	Optional, 100mm central as a factory standard	Side Frame Overheight	Usually even side frame with transferring surface
Capacity	Optional, usually 30-50kg/m	Frame Material	Powder coated Carbon steel, stainless steel, etc

P.S.: *Gravity Skate Wheel Conveyor (GWC) can be fully customized as per specific requirements.

Universal Ball Transfer Unit GBC



INTRODUCTION

It is a kind of gravity conveyor which is of universal balls and it can be fully customized in different specifications and forms. Without any motors, it requires manual or other forces to move on items.

Application:

*Assembly lines when turning corners, straight conveying lines with roller conveyor combination

Features:

Flexible, Cost efficient, easy to maintain, durable, large and efficient distribution

TECHNICAL PARAMETERS

ITEMS	OPTIONS
Form	Square or rectangle
Unit Specs.	Optional, as per specific application
Capacity	Optional, usually 50-100kg/m
Frame Material	Powder coated carbon steel, stainless steel, etc

P.S.: *Universal Ball Transfer Unit (GBC) can be fully customized as per specific requirements.



Linear
Universal
Ball Line



Turning
Universal
Ball Unit