

MODERN
MATERIAL ISO 9001:2008 Certified

PIPE, JOINTS SYSTEM
&
CASTOR WHEEL

ADVANCE LOGISTICS SYSTEM

COMPANY PROFILE

We at MODERN MATERIAL ENGINEERING COMPANY (ISO 9001:2008 Certified) are engaged in successfully handling the emerging market demands of manufacturing and supplying comprehensive range of ABS Pipes & Joints, Castors, Wheels, Conveyors & other automation products. We manufacture our range strictly in compliance with relevant industry standards without compromising our quality. Further, the dedicated support provided by experienced R&D staff also allows us to effectively utilize latest techniques so as to bring necessary improvements in the quality standards maintained in our existing range of products. Working towards attaining total client satisfaction, we also offer our customers the facility of customization so as to match up with their specific end product demands.

Today, as one of the leading ABS Pipes & Joints, Castors, Wheels, Conveyors & Trolleys manufacturer, we offer these to meet the demands of sectors like Agriculture, Automobiles, Electronics & Home appliances manufacturers. We also ensure that hard work done towards delivering consistently top quality products helps us in moving forward and allow us to add value to our products & services.

Mission

Our aim is to maintain quality assurance & innovative production that helps us to take customer satisfaction to new heights.

Our Vision

We understand that the cost of replacement of the products is not just the cost of the product. It involves downtime, manpower lost and other factors as well. Our vision is to deliver best of designing and manufacturing standards in our products so as to achieve long lasting product standards.

Our Quality Policy

Our quality policy states maintaining superior design and manufacturing standards in the offered product range so as to ensure safe and smooth process handling. Furthermore, the support provided through experienced engineered processes and our commitment towards bringing continual improvement in the operations has also helped us to attain complete customer satisfaction. Some of the parameters that define our quality policy include:

- Understanding needs of customers and educating them on product specifications & selection
- Ensuring timely delivery of products to customers
- Maintaining low cost of production, thus passing derived benefits to customers
- Maintaining quality of products at optimum levels by critically monitoring adopted QMS system
- Developing new & innovative products as per customer's needs

RACK SYSTEM FOR

- ★ AUTOMOBILE INDUSTRIES
- ★ ELECTRONICS INDUSTRIES
- ★ WAREHOUSE
- ★ OFFICE
- ★ SHOWROOM
- ★ SUPERMARKET
- ★ SHOP FLOOR
- ★ LOGISTICS
- ★ STORAGE RACK
- ★ FIFO RACK
- ★ SLIDING RACK
- ★ TROLLEY CART

FEATURES

- ★ Simple Assembling and easy producing without special skills
- ★ Easy to handle the products : Made of light materials
- ★ Clean & Durable : Coated with ABS resin
- ★ Continuous reforming activities are possible
- ★ High Safety, simple fitting to working places : no need to weld
- ★ Diversification : Multiform, Meeting all your requirements even the most complicated Ideas



DIFFERENT TYPES OF PIPES

Gobline Pipe/ABS Coated Pipe $\text{Ø}28$ mm

- ★ The GOBLINE PIPE is coated by ABS Resin on high tensile mild steel pipe, having excellent durability, chemical resistance, impact resistance, solid and light.
- ★ It is internally protected by anti rust oil / Paint coating.
- ★ Available in 1.0, 1.2, 1.6 and 2 mm MS pipe thickness.
- ★ Colors of pipe available - Off White, Ivory, Blue, Grey, Green



Stainless Steel Pipe $\text{Ø}28$ mm

- ★ It has mirror polish and good aesthetics
- ★ It is SS202 Grade
- ★ Available in 0.9 and 1.2 thickness



Slide Pipe $\text{Ø}28$ mm

- ★ Extra thick coating of ABS resin is given on contact point of pipe for extra life.
- ★ It is used for storing and maintaining FIFO for very light component.



Modular Pipe

Powder Coated Pipe Ø28 mm

- ★ Available in various color & thickness
- ★ It is economical



ESD / CONDUCTIVE PIPE Ø28 mm

- ★ It is coated with ABS plastic which has ESD properties and it is available in Black and Dark Grey color.
- ★ Conductive range 10^6 to 10^9 ohm.



Aluminum Pipe Ø28 mm

- ★ It is made of high grade material.
- ★ It is light weight.
- ★ It is of superior quality.



Metal Joints/Metal Clamps

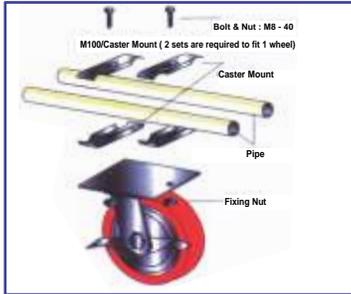
Metal Joints for Ø28

They are fastened by bolt & nut, which make it easy to Assemble & Disassemble

They are available in Black CED Coating, White Zinc plating & Chrome Plating.



Metal Joints Accessories / Spare Parts



M100



M101



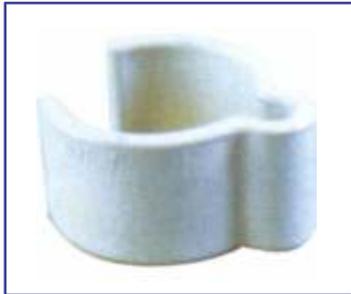
M102



M111



M112



M113



M114



M115



BALL TRANSFERS



SADDLE METAL-A



SADDLE METAL-C



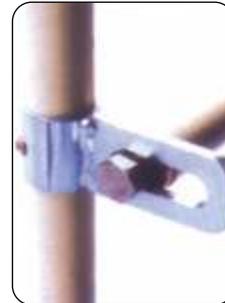
BOARD FIXING
METAL-A



PIPE HANGING
METAL



PIPE CONNECTING
METAL FOR ABS PIPE



VERTICAL OPENING &
SHUTTING LINK METAL



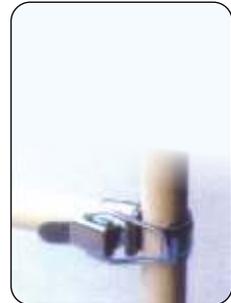
FLOOR LOCK



HEIGHT ADJUSTER

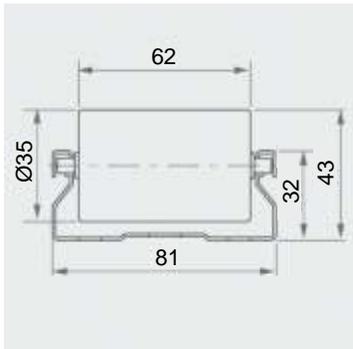


DIVIDING METAL A

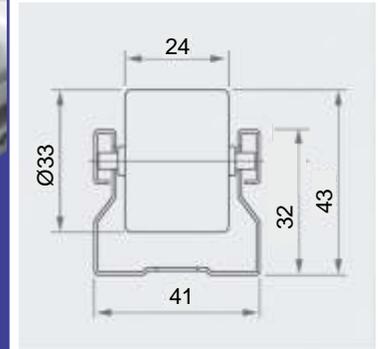


LOCK METAL

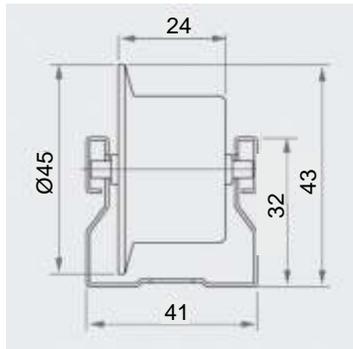
Placons / Wheel Chute



80 TYPE PLACON



40 TYPE PLACON



40 TYPE GUIDE PLACON

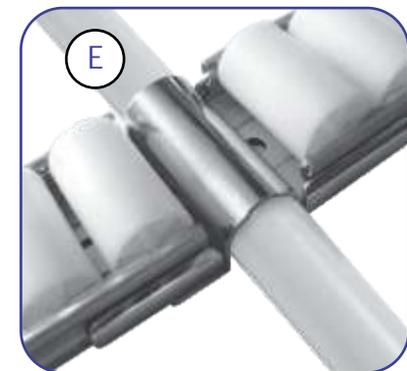
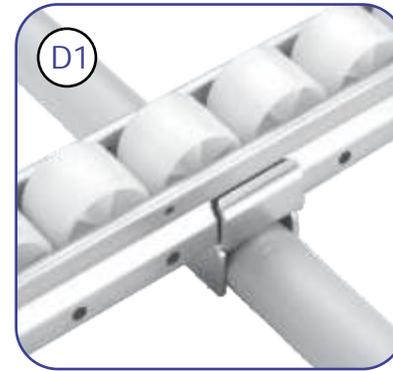
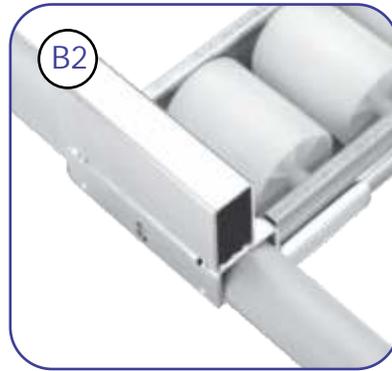
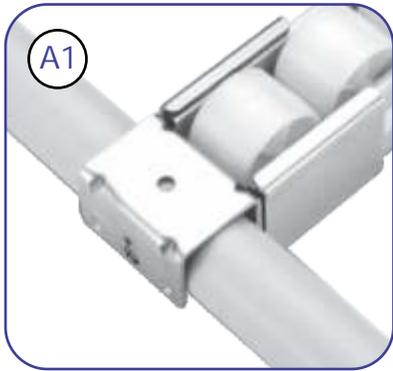
LOAD CARRYING CAPACITY

80 TYPE PLACON : 200 kg/mtr. on two chute.

40 TYPE PLACON : 70kg/mtr. on two chute.

40 TYPE GUIDE PLACON : 60kg/mtr. on two chute.

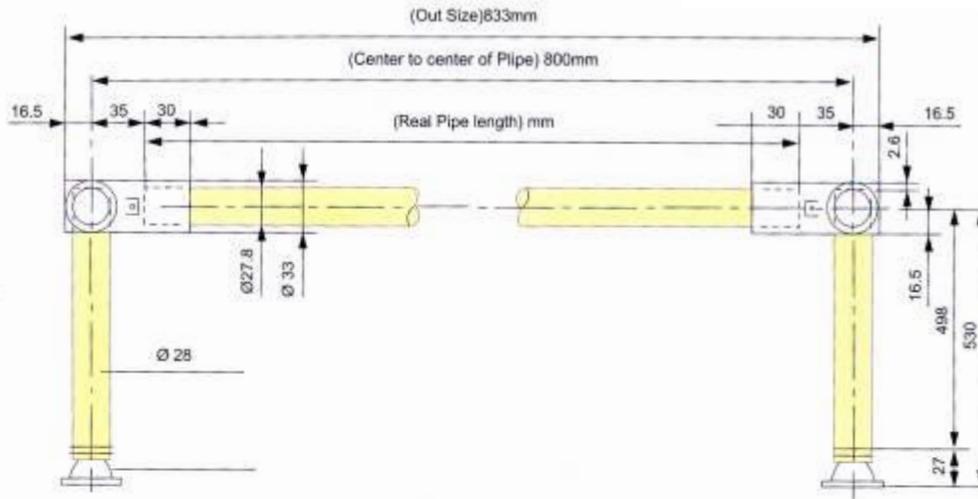
Placons / Wheel Chute Accessories



Name Plate	ITEM NO	a	b	Hole
	KD213-150X60X1	150	60	1
	KD213-170X105X1	170	105	1
	KD213-170X65X1	170	65	1
	KD213-180X85X1	180	85	1
	KD213-220X110X1	220	110	2
	KD213-220X120X2	260	120	2
	KD213-300X120X2	300	120	2
	KD213-310X225X2	310	225	2
	KD213-60X305X2	60	305	2
	KD213-430X320X2	430	320	2
	KD213-430X320X4	430	320	4

Calculating and Method of Producing

PROCESS AND METHOD OF PRODUCING



THE CALCULATION FOR HORIZONTAL LENGTH OF PIPE

- 800 Length between the both centers
- 70 Length between end of pipe & center of joint (35mmx2)

- 730 Practical length of pipe to be cut

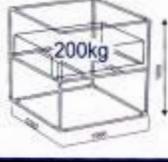
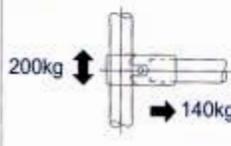
THE CALCULATION FOR VERTICAL LENGTH OF PIPE

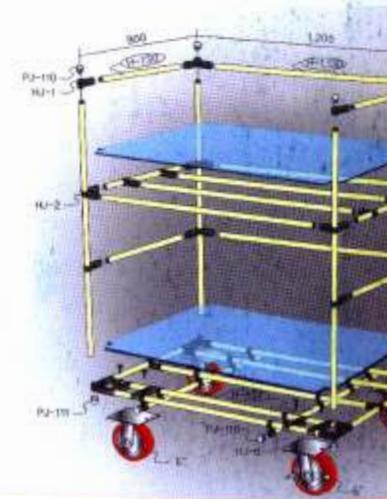
- 530 Length between the end of adjuster & center of joint
- 27 Length (space) between the end of pipe & the end of adjuster
- +16.5 Length between the center & the surface of joint

- 519.5 Practical length of pipe to be cut

PIPE JOINT

THE STRENGTH OF PIPES & JOINTS

METAL JOINT MJ-1~10	GOBLIN PIPE	C-NICO PIPE
 100kg	 110kg	 192kg
METAL JOINT MJ-1~10	GOBLIN PIPE	C-NICO PIPE
 200kg	 200kg	 349kg
METAL JOINT MJ-1~10		
 200kg 140kg		



Gravity Conveyors Rollers

Different types of rollers
Diameter 28mm to 100 mm
Length 60 mm to 1000 mm



Chrome Plated Roller



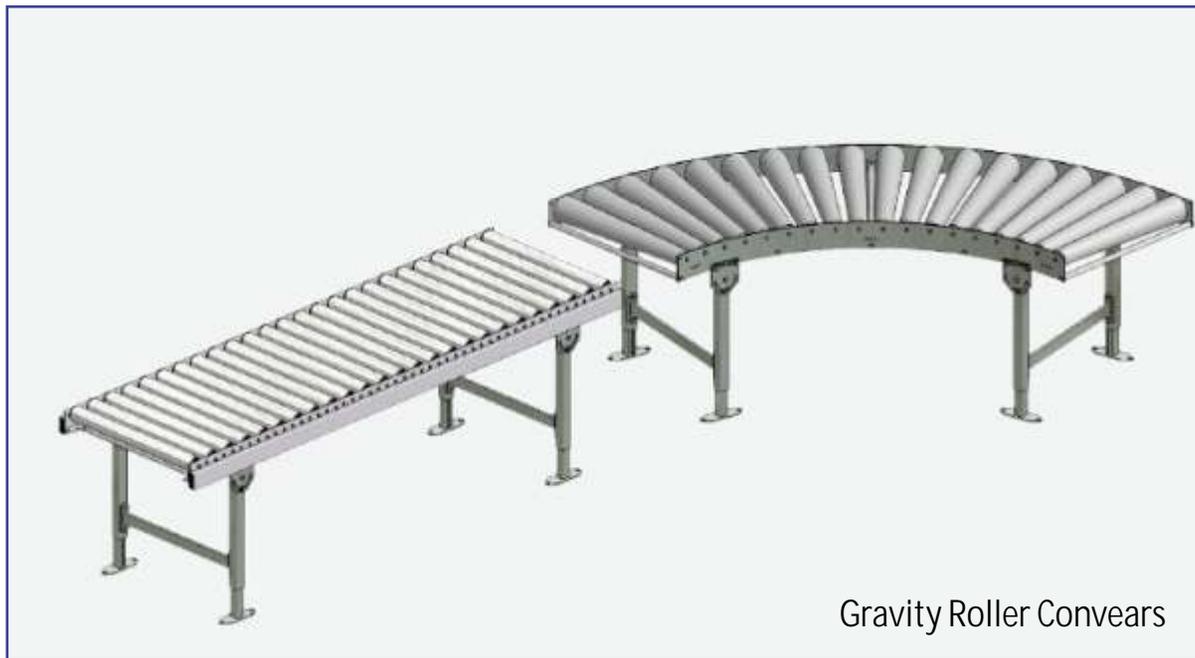
Zinc Plated Roller



Plastic Roller



Poly Urethane Coated
on MS pipe Roller



Gravity Roller Convears



Stainless Steel Pipe Roller

Castors

Different types of CASTER Wheel :

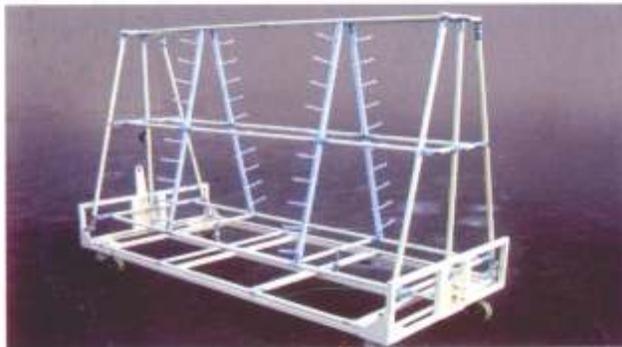
These are available Ø2" to Ø16" in different type of materials like polyurethane, PPCP, UHMW, Nylon, Rubber, Fiber etc.



Fabricated Trolleys



Modular Racks / Trolleys



Modular Racks / Trolleys



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