



An ISO 9001 : 2015 Certified Company



nothing
breaks,
if handled
with care!



We help you handle your material

Business Segments

VRC

(Vertical Reciprocating Conveyor)

- ◆ Useful for moving heavy load material from one floor to another.
- ◆ Self supported free standing structure.
- ◆ Loading & unloading can be done from all four sides.
- ◆ Multiple safety features



Hydraulic Products

- ◆ Useful for loading and unloading the material.
- ◆ Useful for loading material from one floor to another.
- ◆ Customised solution in range of material handling.
- ◆ To reduce manpower and easy to use.

Conveyors

- ◆ Widely used for loading and unloading of material.
- ◆ For smooth & fast conveyance.
- ◆ For man power reduction and less time consumption.
- ◆ Wide variety of conveyors.



Pallets & Trolleys

- ◆ Widely used for inhouse handling of components.
- ◆ Handling of parts from suppliers to OEMs.

Pipes & Joints

- ◆ FIFO system solution for storage
- ◆ Kitting dunnage solutions for assembly trolley.
- ◆ Easy handling of material with feasible structure.
- ◆ Solution for space utilization on shop floor. (i.e. assembly table storage racks etc.)





Uday Kalyankar
(B. E. Production)

Uday has over 25 years of experience in B2B Sales and Marketing, Design, Engineering in Material Handling Equipments.



Sameer Patil
(B. E. Production)

Sameer has over 25 years of experience in Manufacturing, Finance and Procurement.

Technovision Engineers Pvt. Ltd.
is one of the leading manufacturer
of material handling equipments.

The core focus of the company lies in superior quality
and excellent customer service.

With expertise in the industry and constant innovation,
the company also undertakes turnkey projects with design,
manufacturing, supply, erection and commissioning activities.

The company is one of the front runners
in Lean Manufacturing Solutions in India with an
ISO 9001-2015 certification.

The production house has the capability
to conduct in-house R & D and the company possesses
exceptional talent for designing in terms of manpower,
knowledge and technology.

The company owns five manufacturing set-ups and
total area of 50,000 sq. ft. with all manufacturing
facilities and design softwares.

TEPL is known to deliver state of the art contemporary
designs with their range of material handling equipments.



- 2004 In order to widen horizons, the company was officially registered as a Pvt. Ltd. Company.
- 2005 With a vision of expansion, relocated headquarters & main production unit at Chikhali MIDC, Pune, with a large space of 16,500 sq. ft.. Also ventured into designing and manufacturing of Unit Handling Conveyor Systems.
- 2006 The efforts of the company were recognized and the company was awarded ISO 9001 certification.
- 2008 Success followed and the company invested to set up a new factory.
- 2010 Registered under D & B, D-U-N-S.
- 2011 The awards and accolades kept pouring in. The company was awarded ISO 9001:2008 by TUV.
- 2012 The growth curve became stronger and Technovision Engineers established a new company called Techno Pipes and Joints.
- 2012 In order to tap wider market, the company entered the business of Hydraulic Equipment Manufacturing.
- 2014 With newer technical expertise and innovations, renewed ISO 9001:2008 by TUV.
- 2014 The development continues with the introduction of design and manufacturing of Vertical Reciprocating Conveyor.
- 2016 Winner of SME100 award amongst 50,000 nominations.
- 2017 With newer technical expertise and innovations, renewed ISO 9001:2015 by TUV.
- 2017 Started a new segment in designing and manufacturing of Expandable Storage Racks (ESR)
- 2018 New manufacturing set up started at Chakan.
- 2019 Started manufacturing of Telescopic Belt Conveyors.

Enter the world of solutions that lies on the next pages.

VRC (Vertical Reciprocating Conveyor)



VRC (Vertical Reciprocating Conveyor)

- ♦ VRC is widely used to move material from one floor to another with great safety.
- ♦ It is self-supported free standing structure.
- ♦ VRC provides safe, efficient, quick access to storage racks, multilevel facilities, mezzanines etc
- ♦ VRC is available with lifting capacity of 300 kgs to 5000 kgs
- ♦ It is also referred as industrial lift, material lift, goods lift, mezzanines lift etc.

Operation :

- ♦ Carriage lifting & lowering movement is controlled with SEW fail safe motor & speed reduction gear box with the help of chain sprocket mechanism.



VRC (Vertical Reciprocating Conveyor)



USPs : Unique Selling Propositions

- ♦ It does not require pit & machine room
- ♦ Entry exit can be made in same / opposite / 90 degree sides
- ♦ It can be installed indoor, outdoor & with shaft well.
- ♦ Our VRC is 100% customized
- ♦ It can be relocated to any place, if necessary.

Structure :

- ♦ Modular design with MS tubular structure with 'T' guide and vertical 'H' beams.
- ♦ Carriage is MS fabricated tubular structure with checkered platform.
- ♦ Carriage is covered with MS perforated sheet at non-operating sides, operating sides are provided with collapsible doors.
- ♦ Vertical structure has provided with MS bracing and can be also covered with MS perforated sheet optionally.



Types Of VRC (Verical Reciprocating Conveyor):

- ♦ 2 Post VRC : TE-2PV

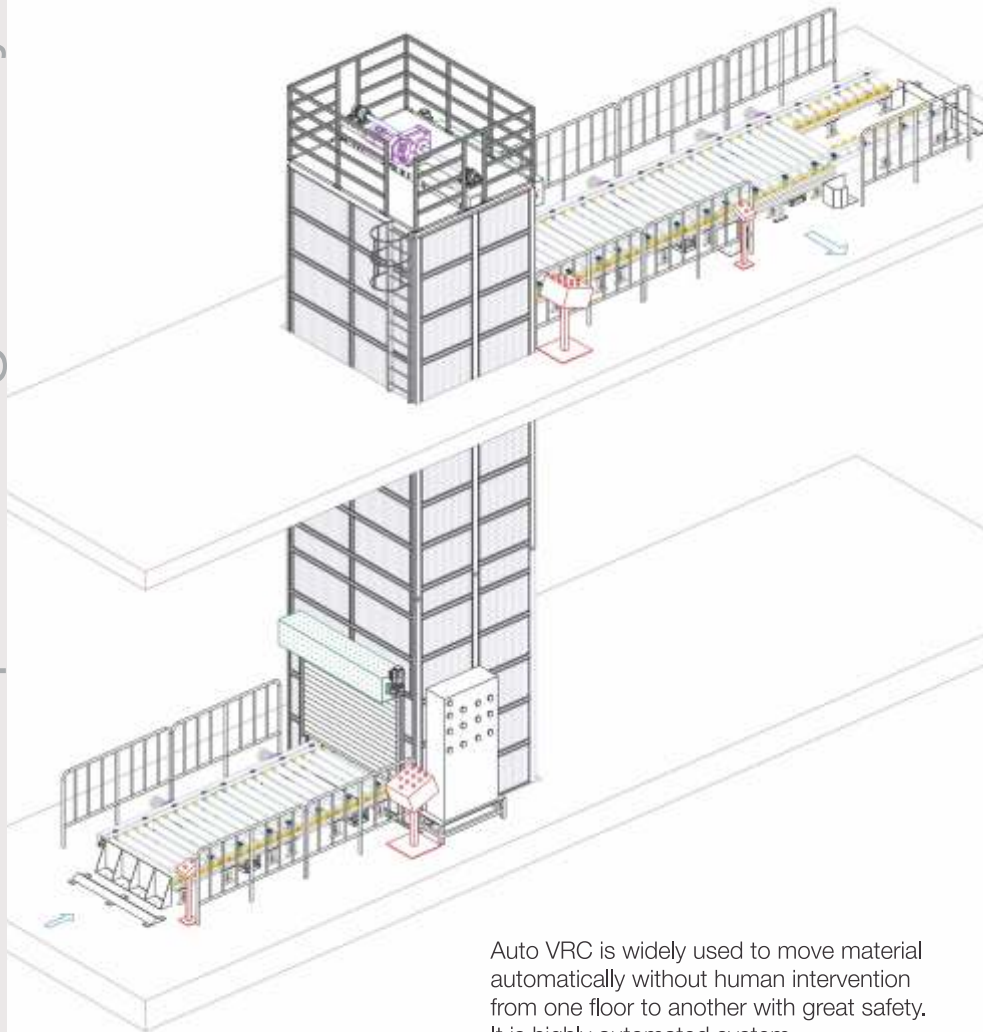
It is available with lifting capacity up to 2000 kgs.
Carriage size is customized & travel height is 20m.

- ♦ 4 Post VRC : TE-4PV

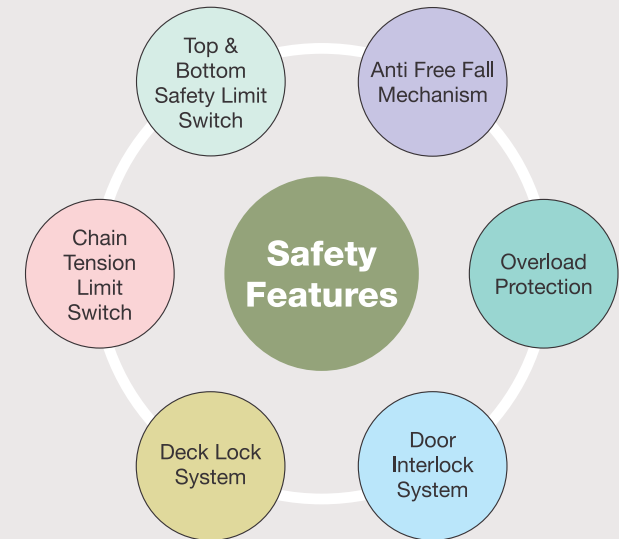
It is available with lifting capacity upto 2500 kgs - 5000 kgs.
Carriage size is customized & travel height is 30m.
Entry exit are possible from all 4 sides.

- ♦ Auto VRC : TE-AV

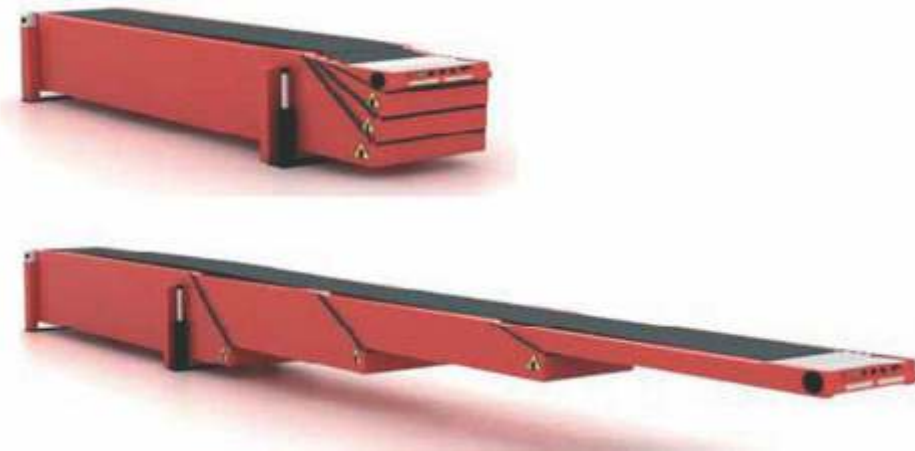
Auto VRC (Vertical Reciprocating Conveyor)



Auto VRC is widely used to move material automatically without human intervention from one floor to another with great safety. It is highly automated system.



Telescopic Belt Conveyor



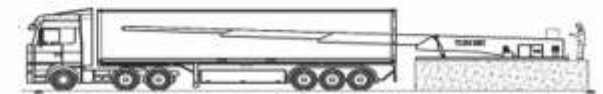
- ♦ Automatic loading and unloading telescopic belt conveyors which can extend directly into containers / trucks / trailers / vehicles.
- ♦ Widely used in logistics shipping and receiving distribution centers, ports, docks, stations, airports and warehouses.
- ♦ Maximum Load : 60 Kgs/Mtr,
- ♦ Belt Speed : 15 – 30 Mtr/Min,
- ♦ Belt Width : 600mm / 800mm/1000mm
- ♦ 3 stage, 4 stage & 5 stage option available.
- ♦ Useful for 20 feet & 40 feet container/truck
- ♦ Direction : Uni-directional & Bi-directional



Conveyor in closed position



Conveyor in extended position



Conveyor in extended & inclined position



Conveyor in extended position

Telescopic Belt Conveyor



Truck Loading / Unloading Conveyor

Intro : Truck loader conveyor is widely used for loading & unloading of bags, carton boxes etc. in various industries.

Applications : It is widely used in logistics, warehouses, pharmaceutical industries, textile industries, packaging industries, sugar industries etc.

Features :

- ♦ Easy to set up and use with minimum maintenance
- ♦ Rugged construction
- ♦ Easily movable

Expandable Truck Loading Conveyor

Intro : Expandable loading conveyor consists of structure like truck loading conveyor along with flexible roller conveyor at discharge end.

Applications :

- ♦ It is used when loading needs to be done at different horizontal levels & vertical levels.
- ♦ Flexible roller can stretch inside container according to need of operator.
- ♦ It is widely used in various industries like packaging, logistics, pharmaceutical, food.
- ♦ It can be used for other projects for automation purpose.

Features :

- ♦ Adjustable working height and length
- ♦ Automated operation to reduce labour cost and save time
- ♦ 100% customized equipment



Sidewall Belt Conveyor

Intro : Sidewall conveyor is used for specific applications where movement powder or uneven material required in bulk quantity fastly and safely.

Applications : Side wall conveyor mostly used in ceramic industry, food industry, agriculture, chemical industry etc. It is also used at stiffer angles movement of material

Features :

- ◆ Transport the material without damage & spillage.
- ◆ High Durability and low maintenance.
- ◆ Maximum utilization of space.



Belt Stacker Conveyor

Intro : It is used for stacking of material in warehouse or movement of goods from ground to 3-4 m of floor facilities.

Applications : Delivery height differs as per requirement of client. Efficient transportation of bags, boxes, floor bags, cement bags etc.

Features :

- ◆ Increase operational efficiency,
- ◆ Reduce manpower.
- ◆ Reduce operator stress.
- ◆ Improve safety.



Belt Conveyor

Intro : Mobile belt conveyor is widely used in various fields to move diverse unit loads & bulk material. They are used in handling loads from one location to another within process in line production.

Applications : Mobile belt conveyor used in various industries for automation purpose. Conveying bags, boxes, industrial goods etc from one place to another is easy.

Features :

- ◆ Quick and efficient transportation to reduce manpower & efficient time use.
- ◆ Movable and adjustable height.

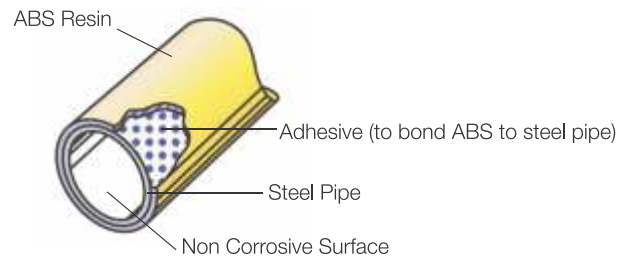
Mobile Belt Conveyor



Technovision PJS Will Promptly Implement Your Ideas, Giving You The Expected Instant Effects

Technovision Pipe Joint System is an ideal material handling system designed for material handling needs of all industries. It is smart, dynamic and flexible. It can make various types of production of racks, trolleys, productions cell tables, viewing boards and gravity flow racks. In fact, the usage of pipe & joints system is limitless, add in your idea today!

- ◆ Simple and easy modification.
- ◆ High safety and very simple fitting, no need of welding.
- ◆ Simple assembly and easy production without special skills.
- ◆ Durable cleanliness due to coating with ABS resin.
- ◆ Easy handling of the assembled structure due to its light weight.
- ◆ Continuous improvement activities are possible.
- ◆ No need to equip special facilities for manufacturing.



TECHNO pipe is steel pipe with ABS resin coated on the outer surface. An adhesive bonds the resin to the pipe preventing separation. The inner surface is non-corrosive.

ABS Coated Pipe (standard Pipe)



- ◆ Various colors
- ◆ Low cost
- ◆ Easy to cut

Avoid using the Pipes near and around solvents or oils.

Antistatic Color Pipe / Conductive Pipe



Antistatic Color Pipe

Surface Resistance : $10^8 \Omega \sim 10^{11} \Omega$
Colors : Grey/ Ivory

Conductive Pipe

Surface Resistance : $10^3 \Omega \sim 10^6 \Omega$
Color : Black

Avoid using the Pipes near and around solvents or oils.



Pipes



Product Code	Thickness (Steel)
TP-1	1 t
TP-2	2 t



Product Code	Thickness (Steel)
TSL-1	1 t
TSL-2	2 t



Product Code	Thickness (Steel)
TP-1	1 t
TP-2	2 t





Product Code	Thickness (Steel)
TSS-0.8	0.8 t
TSS-0.9	0.9 t
TSS-1.0	1.0 t
TSS-1.2	1.2 t

Stainless Steel Pipe



- ♦ High Strength and Durability
- ♦ High Surface Resistant to Scuffing
- ♦ Conductive
- ♦ High Resistant to Oil and Chemicals

Surface Treatment

Item	Colour	Treatment	Material
BK	Black 	Black ED Coating	DD1079
ZN	Zinc 	Zinc Plating	DD1079
SV	Silver 	Chrome Plating	DD1079
NI	Nickel 	Nickel Plating	DD1079

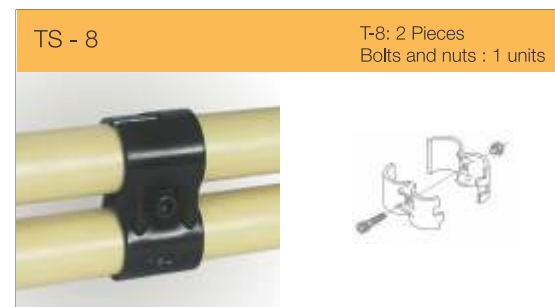
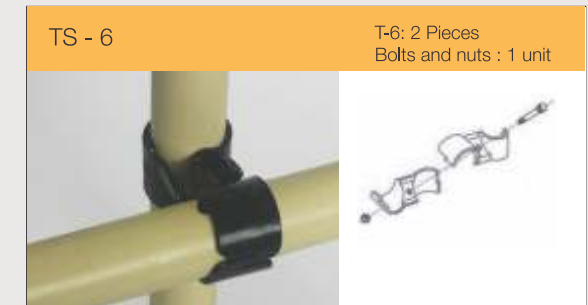
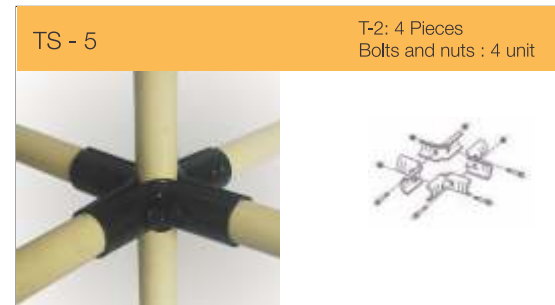
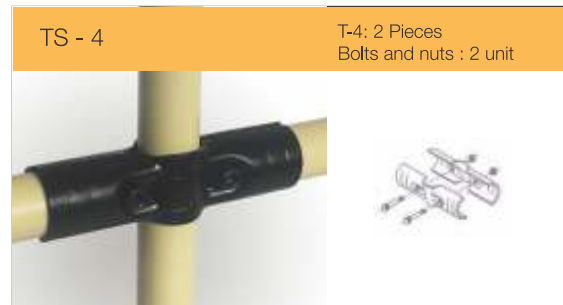
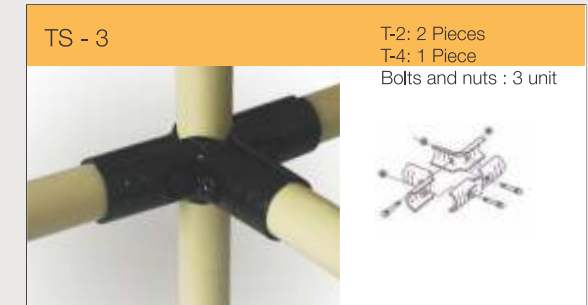
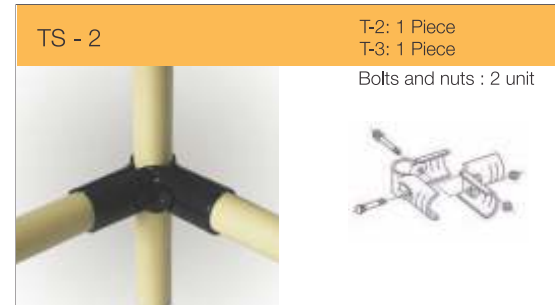
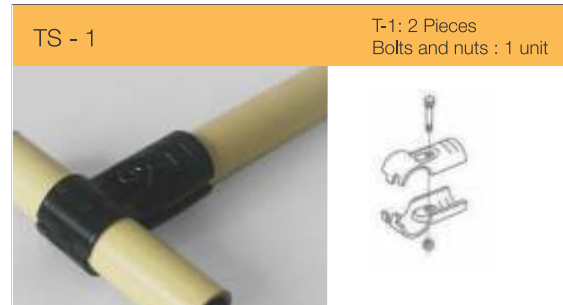
Black ED Coated



Nickel Plated



Joining Methods



Joining Methods

TS - 13

T-13A: 1 Piece
T-13B: 1 Piece
Bolts and nuts : 1 units



TS - 14

T-14: 2 Pieces
T-7B: 4 Pieces
Bolts and nuts : 4 units



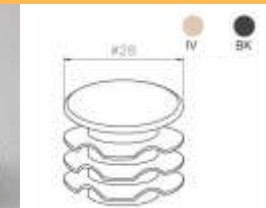
TS - 15

T-15A: 1 Piece
T-15B: 1 Piece
Bolts and nuts : (Wb0610)

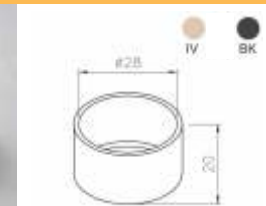


Plastic Joints

TE CAP 01 (IV, GR, BK) Pipe Inner Cap



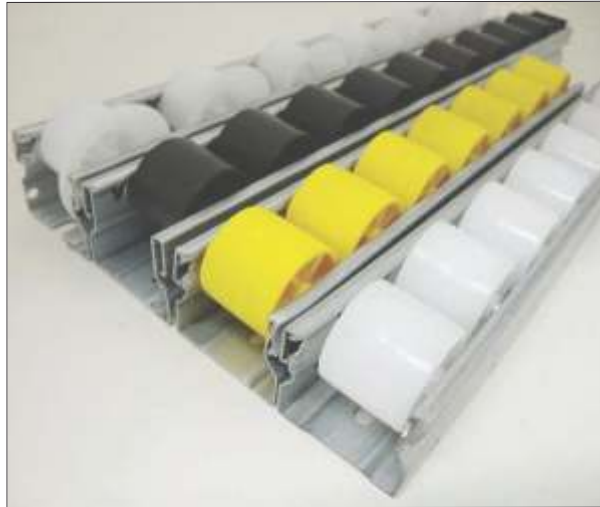
TE - 114 (IV, GR, BK) Pipe Outer Cap



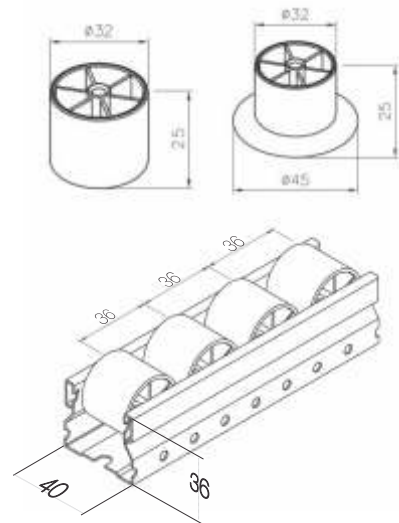
TE 111 (IV, BK) Name Plate Hanger



40 Series



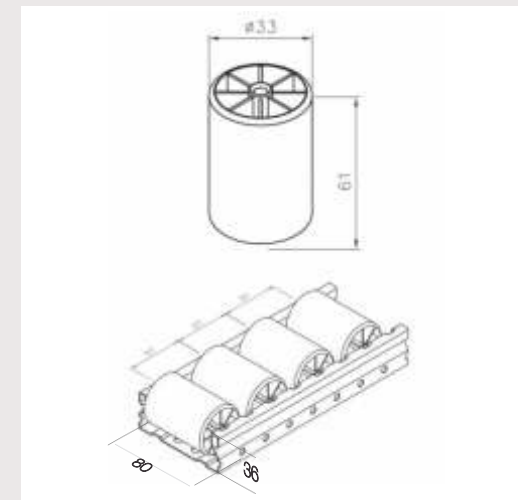
Roller Mateerial - PP



80 Series



Roller Mateerial - PP





Technovision

Accessories

Roller Track Mount Bracket

Placon Mount

GPA - 40 mm



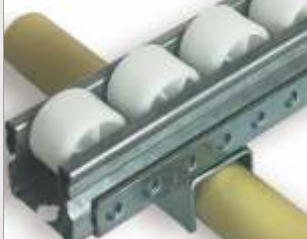
GPB - 40 mm



GPC - 40 mm



GPC1 - 40 mm



GPA - 80 mm



GPB - 80 mm



GPC - 80 mm



GPC1 - 80 mm



TEPL Clamp



Slide Pipe Mounts

Slide Bracket

Slide Bracket GS - A



Slide Bracket GS - B



Adjusters

Adjuster (1/2") Small
Without rubber pad



Adjuster Large
With rubber pad



Pipe Linking Metal



Traction Arm - B



Caster Strap
Cm100/ Cm200



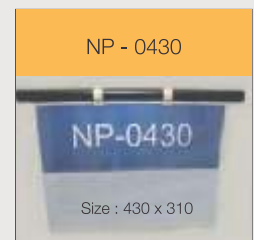
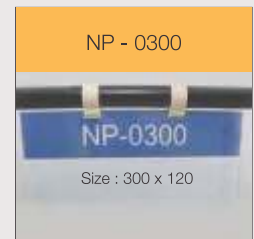
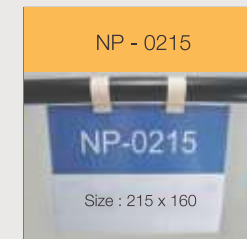
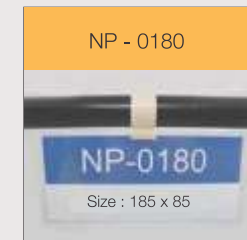
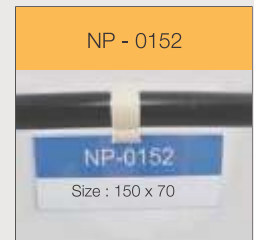
Insert Nut (1/2")

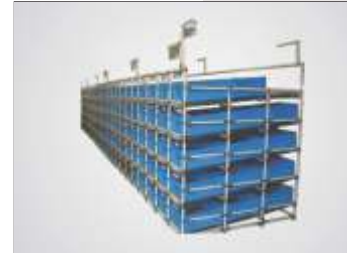


Casters



Tag Holder







Applications :

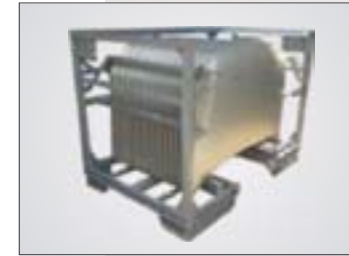
- ◆ Inhouse handling for components.
- ◆ Handling of components from internally and externally.
- ◆ Returnable handling solutions with space optimization.
- ◆ One way handling solutions.

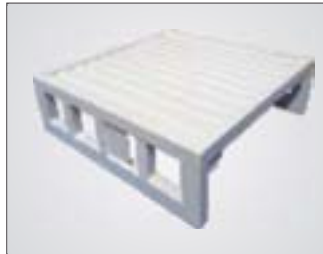
Our strength :

- ◆ Space optimization & commonization.
- ◆ Safe handling of the parts.
- ◆ Special pallet design with IGES / CAD data.



Pallets & Trolleys





(ESR) Expandable Storage Racks



Our Esteemed Customers



Technovision Engineers Pvt Ltd.





TECHNOVISION ENGINEERS PVT. LTD.

An ISO 9001 : 2015 Certified Company

Technovision Engineers Pvt. Ltd.

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