



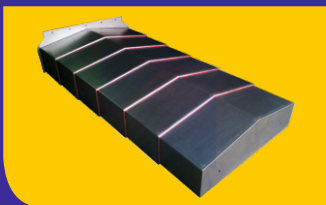
Arnav Engineering

All Types Machine Safety Covers, Guarding & Engineering Works

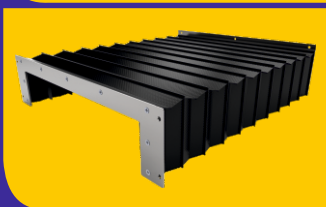
www.telescopiccovers.co.in

Our Product Range

Telescopic Cover



Bellows



Rollway Cover

Apron Cover

Guide Way Wiper

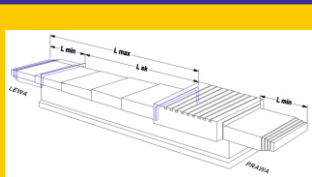


Cable Drag Chain

Enclosure



Conveyor



Introduction

Manufacture protective covers for indigenous and imported G P , N C & C N C
Take the complete product development responsibility from dimensions confirmation, designing, manufacturing and finally up to installation. Undertake repairs & refurbishing activity of the covers (telescopic & rollway)
Repair & rebuild your old damaged covers to new condition at a fraction of the cost of new one.

Telescopic Cover

- ▶ Protect machine tool bed guide ways against damage by swarf and coolant
- ▶ Reduce sideways wear, thus maintaining the accuracy of the machine and keeping maintenance cost minimum.
- ▶ Manufactured of special sheet in virtually any gauge.
- ▶ In steel or stainless steel the covers are designed for maximum protection of the guide ways against hot chips, coolant and grinding emulsions.

Cover Type

Flat Shape Telescopic Cover

Peak Shape Telescopic cover

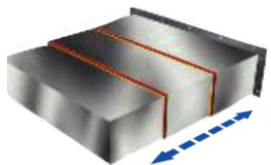
Slant Shape Telescopic cover

Heap roof Shape Telescopic cover

Flat Shape Telescopic cover

Vertical Sliding Telescopic cover

Dual Axis Shape Telescopic cover



Bellows

- ▶ Used on all kind of machines to protect guide ways, spindles, screws, rods or any application requiring protection against chips, dirt, oil, etc
- ▶ Used those cases where no telescopic covers can be fitted due to space constraints.
- ▶ Produced with nylon fiber refine sheets.
- ▶ Also constructed with scissors, bearings, rollers and stainless steel flaps where hot chips are present.
- ▶ Easy to fit with minimal compression and high travel speed.
- ▶ Manufactured of double sided poly urethane coated imported fabric.

At Arnav we've designed and manufactured everything from simple dust protection and material handling bellows to sophisticated extension systems, lamella systems, and specially designed bellows for laser machines and other applications. Arnav bellows are made from the highest quality materials which is one reason why virtually every renowned machine manufacturer in the world comes to Arnav for machine protection solutions. Arnav bellows provide

Types of Bellows

A) Dust Proof bellow

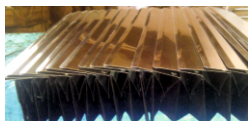
B) Oil Proof bellow

C) Stainless Steel Bellow

(S.S Lamina Bellow)

D) Aluminum Fabric Bellow

E) Laser Beam Bellows



Rollway Covers

Arnav Roll-up Covers provide machine protection in minimal space. With Arnav you get the widest variety of roll-up covers including fabric open reel, canister type using stainless steel, fabric, AGS, and Aluflex aluminum extrusions. Any length and width are available. Walk-on capable versions are also available. These simple, affordable roll-up covers are designed to endure constant use while keeping dust, lubricants and other contaminants away from the machine's interior.

- High-quality springs and end caps with permanent lubrication for high operational safety.
- Driven with a special spring mounted in a dust proof case
- Max. traverse speed of 80m/min.

Arnav's Flexible apron covers protect machine way surfaces and vital machine components from a variety of contaminants. These simple, space-saving designs are constructed with anodized aluminum extrusions

Features:

- ✦ Easy installation and removal as per needs
- ✦ Extended protection delivered through customizable options
- ✦ Perfect for conducting high frequency cycling Guards from pinch points in all sorts of machine
- ▶ Construction consists of high tensile synthetic fabric or spring steel shade mounted on spring loaded roller take up mechanism housed within steel canister
- ▶ A brush wiper on the canister cleans the shade as it retracts and prevents foreign matter from damaging the take up hardware.

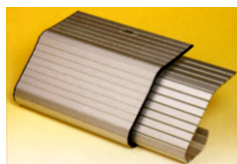
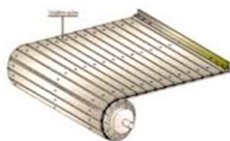


Apron Covers

This light, highly flexible, hinge-type aluminum apron is ideally suited to protecting machine part that are not permanently exposed to hot chips.

- Anodized aluminum construction features precision profiles that are positively interlocked with polyurethane hinges
- Symmetrical design of the aluminum profile encloses the flexible hinges for high flexibility in both bending directions
- Small distance between the profiles, so hinges are less likely to be damaged by chips. These space-saving link-type covers provide stable, flexible protection for applications where space is limited.
- Anodized aluminum construction with positively interlocked precision profiles resist corrosion.
- Special self cleaning hinges prevent coarse dirt from entering.
- Durable design supports high ambient temperatures and high strain, even in long lengths

- ▶ Used at telescopic covers or the bellows can't be fitted due to space constrain
- ▶ Lie directly on the bed/guide ways and can hang down freely at the other end,
- ▶ Can be screwed on or wound around without any special guides
- ▶ Made of aluminum strips or ms strips



- ▶ Strips are attached to a nylon fiber refine to make it continuous and leak proof.
- ▶ Manufactured of aluminium and steel strips riveted to poly urethane coated fabric

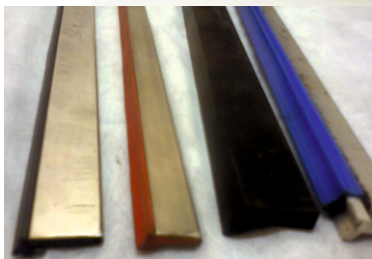
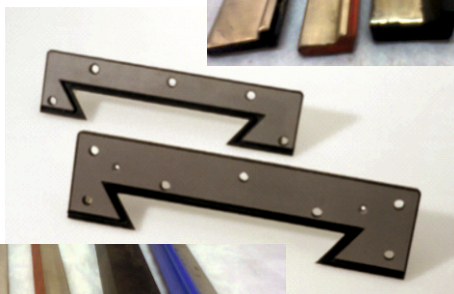
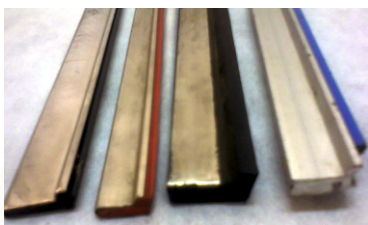
Guide Way Wiper

Developed in co-operation with the leading machine, tool builders for the protection of slide and guide ways against dirt, impurities and ensure trouble free operation.

- Protect contact surface and slide ways from contamination and ensure fault-free operation
- Additional protection to the machine apart from telescopic covers, bellows or apron covers.
- Are produced using abrasion resistant synthetic polyurethane.
- A metal pre-wiper is supplied along with guide way wipers where there is no additional support

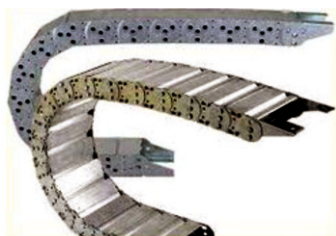
Types of Wiper

- A) S.S casing wiper with PU And Nitrile Wiper lip
- B) Alluminium Casing wiper with PU Wiper Lip
- C) Molded wiper as per Requirement and shape



Cable Drag Chain

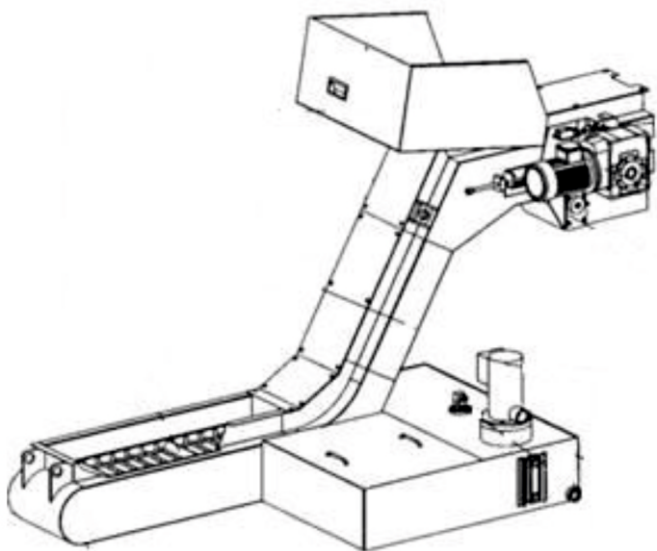
- ▶ Manufactured of steel and nylon material which will carry electrical cables, and pneumatic hoses
- ▶ Ensure long life of cable & hoses by providing cover from smart & dirt etc. Enhance machines appearance & maintenance free
- ▶ Extremely long self-supporting lengths.
- ▶ Suitable for use even in very high ambient temperatures.
- ▶ Operationally safe, even with high mechanical loads.
- ▶ Ideal for space restricted areas



Enclosure



Conveyor





Arnav Engineering

Your care Partners

Arnav Engineering

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