

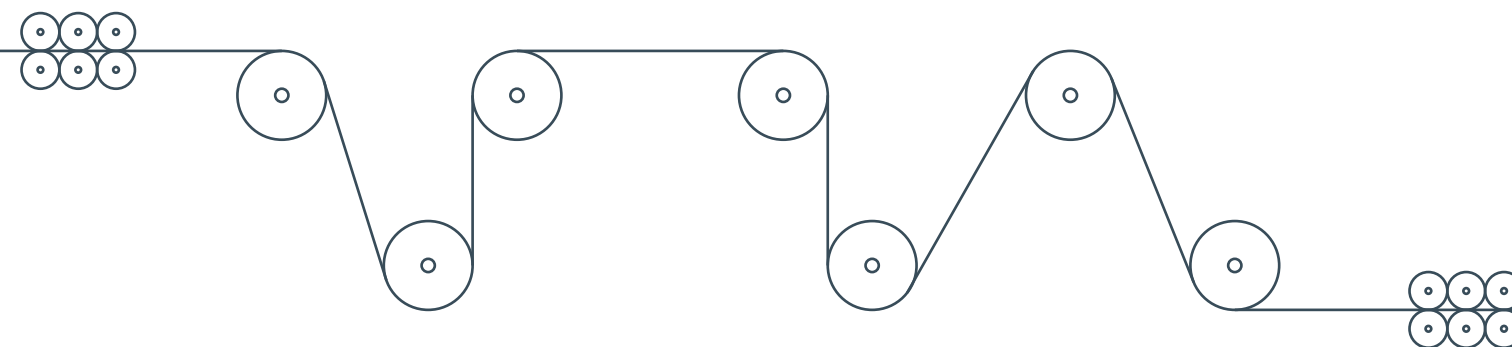
A Complete Solution

of Rubber & Web Control Equipments

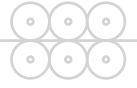
Our Market is Limited to the World Only!



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Since: 1978



Who We Are?

Established in 1978, starting with manufacturing Rollers and Bow Rollers, Anar has demonstrated a continuous growth in terms of product development and upgradation of technology.

Our products and service have established newer trends in national market and has set trend-path for others to follow. With the keen application of our rich experience and the expertise, we have been known as a reliable and dependable solution provider.

The wide range of products for web process control with the proven performance of products meeting international standards have attracted business from international market and encouraged our confidence to sharpen the focus on export

Our commitment always remains to the customer satisfaction in every respect, because only it has built us.



We offer the best we have

- Rollers**
- Core Holding Devices**
- Wrinkle Removers**
- Sleeves**

World-class solutions in Web Controls



We are committed to render solutions with world-class technology and always stand-to after-sales-service assuring best value for money

Rollers

Rollers are basic and primary accessory for web process control. Even surface, appropriate material of coating according to the application, uniform hardness over the surface, along with precision workmanship play vital role in performance of the

roller. Selection of roller type and coating material depend upon the application and the web material. 'Aanar' manufactures wide range of rollers for varied applications.



Rubber Roller

These are considered as the basic accessory of almost every machine in processing.

APPLICATIONS

- Gravure Printing
- Flexo Graphic Printing
- Furnishing
- Esa Printing
(electro Statically Assisted Printing)
- Solventless Lamination
- Adhesive Coating
- Film/foil Processing
- Steel Pickling

TYPES OF ROLLERS

- Printing / Impression Furnishing Rollers
- Lamination Rollers (Extrusion Lamination, Solvent less/Solvent Base Lamination)
- Film Plant Rollers (Nip Rollers, Drum Rollers, Transport Rollers)
- Cork Rollers
- Teflon® Sleeved Rubber Rollers
- Diamond Grooved Rollers

SPECIAL FEATURES

- Max. Diameter up to 650 mm
- Max. Length up to 8000 mm
- Uniform hardness all over the surface within +/- 1 shore "A" variation.
- Wide range of coating to counter chemical / solvent effect.
- Outstanding rubber surface finish without porosity.

MATERIAL OF COATINGS

- Silicon Rubber
- Chlorosulphonate Rubber (Hypalon®)
- Butyl Rubber
- EPDM Rubber
- Poly Chloroprene Rubber (Neoprene®)
- Nitril Rubber
- Polyurathane Rubber
- Cork
- Teflon® Sleeved / Sprayed
- Hard Chrome Platted

Also available: Aluminum Roller



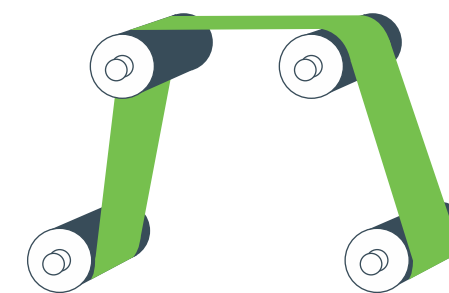
Rubber Grooved Spreader Roller

When web is having a very delicate layer, as in case of metalized fil, neither rubber expanders roller nor polyband expander are suitable for the purpose.

For such type of applications, Rubber grooved spreader rollers are ideal. They are basically rubber roller having unique groove pattern on rubber surface. The cushioning and resonance are achieved due to groove pattern, which makes these roller capable of handling delicate films without any degage during wrinkle removing process.

Types

- Individual Groove type RH & LH
- Two or four starts scroll type RH & LH



Anar Rub Tech Pvt. Ltd.

All Conventional sizes as required.



Wrinkle Removers

Wrinkle formation at any stage of manufacturing or its processing is inevitable. To prevent inferior quality and / or rejection of webs, Wrinkle must be removed at all necessary stages.

There are varieties of devices manufacturer by ANAR for removing the wrinkles, suitable for different Web material and different processes.

Rubber Expander Rollers

The performance of rubber Expander Rollers depend upon:

- Lead-in Lead-out distance
- Wrap angle
- Position of Bow (adjustable)

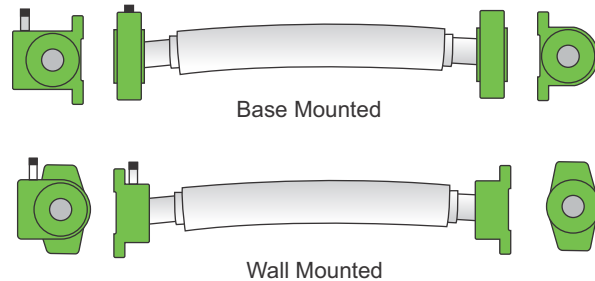
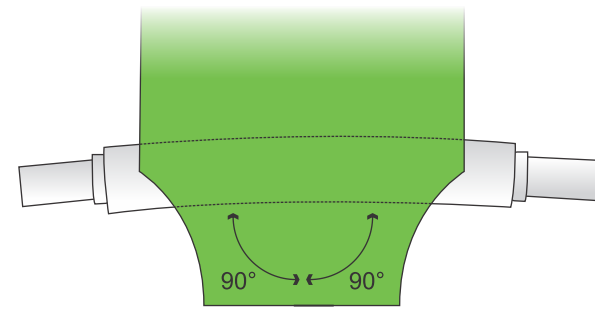
3:1 lead-in : lead-out ration is considered to be the best. However, lead out distance preferably should not be more than 3 times of expander roller diameters. Bow roller positioned direction gives best result.



Rubber Expander Rollers

Metal Expander Rollers

- No wrinkles
- No Baggy Senters
- No Shrunk Width
- No Slack Edges



Rubber Expander Rollers (Bow Rollers / Banana Rollers)

- Commonly useful for wide range of web materials
- Wall mounting and foot mounting brackets with Bow angle adjustment mechanism
- Diameter up to 300mm, Length up to 8000mm



P U Rollers

With the active support of our team of experts, we are engaged in offering a huge gamut of polyurethane roller. This polyurethane roller is specially designed and developed to meet all the needs of our international clients. We take into account the international quality standards set by the industry and offer suitable range of polyurethane roller. These polyurethane rollers are capable of functioning for long hours.



Rubber Sleeves

The cover of these products is made up of rubber which makes them very protective in their nature. One of the most important advantages of these products is that they have electro statically assisted printings. The quality material present in them is very superior that is why they are highly demanded in the market.



Special Features

- Sleeves with 1.5 to 2.0 mm thickness
- Suitable conventional and speciality rubber coating of 3 to 25 mm thickness
- Steel mandrel for grinding the sleeve
- Inside diameter :as required
- Finish Diameter : up to 300 mm
- Length :up to 3000 mm

Quick Change

- Sleeves Saves change over time
- Highly cost effective
- Light weight
- Vertical storage

Applications

- Solventless Lamination
- Gravure Printing
- Flexo Graphic Printing
- Adhesive Coating
- E S A Printing

Core Holding Devices

Use of appropriate core holding device ensures no core damage, saving of loading-unloading time and uniform winding /unwinding operation.

'ANAR' offers varieties of devices according to the duty conditions like position, load, speed, core width etc. Our product range covers, almost all requirements of the industries.

- LUG TYPE AIR EXPANDABLE SHAFT
- LEAF TYPE AIR EXPANDABLE SHAFT
- DIFFERENTIAL / FRICTION SHAFT (Clutch Shaft / Ball Type)
- MECHANICAL SHAFT (Bladder less shaft)
- MULTI-TUBE SHAFT
- SPECIALITY SHAFTS

Capabilities:

Load: up to 2 tons Suitable for core I.D.: 3", 4", 6", 8"
(Metric size & special sizes also available)

Length: as required

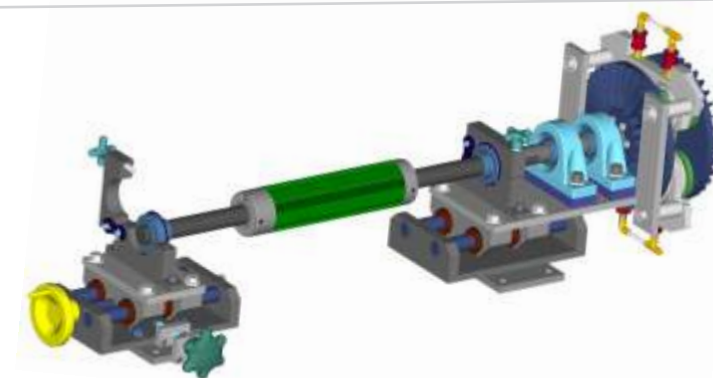
Speed: Up to 1000 mtrs / min.

Suitable for core materials: Paper, Steel, Thermoplastics

Core width: Min. 20 mm.

SPECIALTY SHAFTS:

- 1. PAD TYPE SHAFT:** A lug type air expandable shaft. Larger lugs are used to achieve better grip and more reel weight capacity. The pad material is special abrasion resistant rubber.
- 2. CONTINUOUS RUBBER STRIP TYPE AIR EXPANDABLE SHAFT:** Suitable for steel and thermoplastic cores which are not possible with leaf type shafts. Narrow width cores are possible, but gauge and speed variations are not accommodated.
- 3. DOCTORING SHAFT:** This smaller width shaft can be air expand-able or mechanically expanded. Can also be with longer end. (Cantilever type fitting).



BALL TYPE QUICK LOCK SHAFT

This is a sophisticated winding shaft for slitter re-winder machine, used either as single shaft winder or duplex shaft winder (center winding type)

- The shaft compensates speed variation due to gauge variation with multi cores.
- Minimum core width of 20 mm is possible.
- Reel holding is possible at any position across the width.
- No time lost in re-positioning cores since no distance pieces are required.
- Possible to run at very high speed.

The shaft consists of slotted shaft, rubber bladders, hard and ground steel cage with ball type gripper, Teflon strip for better slippage and self-lubricating segments separating two adjacent steel cages.

Sizes: Suitable for 3" & 6" core I.D.

Length: As required.

- 4. MECHANICAL ADAPTOR SHAFT (PNEMO MECHANICAL SHAFT):** This is a mechanical attachment fitted on 'ARVIND' lug type air expandable shaft suitable for core I.D. 3" Just fitting two adaptors on one shaft subsequent larger size core is possible to process. For example, existing shaft suitable for 3" core I.D. can easily be converted into shaft suitable to hold 6" core I.D...
- 5. REVERSE WORKING SHAFT (BLADDER LESS BUT PNEUMATIC):** This is a mechanical shaft which requires compressed air to achieve collapse condition. This has all advantages like positive gripping, core safest working.



Air Chucks

AIR EXPANDABLE SHAFTS

BALL TYPE QUICK LOCK SHAFT: Sophisticated winding shaft for slitter re-winder machine, used as single winder or duplex shaft winder. Compensates speed variation du gauge variations with multi core...

LUG TYPE: Suitable for winding and unwinding stages. Use full for single core, multi core of 150 mm width. Available for core I.D. 3", 4", 6" and 8" in required length.

LEAF TYPE: Ideal at unwind stage, Narrow width of core to prevent damage to thin cores, Core-less winding possible.

MECHANICAL SHAFT (BLADERLESS): Ideal for heavy load and high speed. Allows cores having uneven inside dia.

Other Products

Safety Chuck

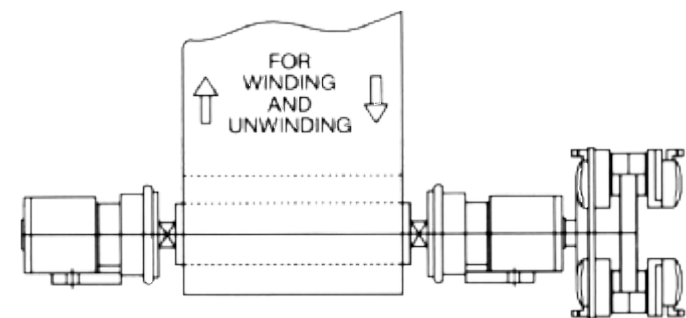
Safety chucks are used at winding or unwinding position. It saves loading / unloading time. As driving mechanism (sprocket) does not need to be removed every time while changing core holding shaft, it gives maintenance free working. Safety chucks runs with total safety due to cam mechanisms.

Mounting of safety chuck

- Base/foot mounting safety chuck
- Flange/wall mounting safety chuck

Safety Chuck

- All accessories manufactured in CGS (Metric) and FPS (Imperial) sizes
- 1", 1.25", 1.5", 2" sizes



Types of Safety Chuck

- Light Duty up to 500 kg
- Tilting type, Sliding Type
- Heavy Duty up to 2000 kg



Anilox Coating Rollers

Our Company is Manufacturing Mechanically Engraved Joint less Anilox Rollers. Which is mostly used in, Adhesive Coating, VMCH Coating, Shellac Coating, Wax Coating, Glue Metering, Lamination, Flexo Printing, Paper Industries, Textile Industries, Leather / Raxin Industries



Our Speciality

- Copper Plating of required thickness & hardness as per cell Pattern & Depth
- Machining & Grinding on High Precision Lathe & Grinding.
- All Dimensions within very close tolerance with turning on high precision lathe.
- Uniform depth
- We can Produce Roller Maximum Size- dia 300mm Upto 2 mtr. Length
- Available following Mesh Screen -: 25, 40, 60, 80, 100, 125, 180, 200, 225, 250, 300



Hard Chrome Plating Roller

We have high precision German Super Finishing Machine to achieve high gloss mirror finish subsequent to the grinding operation. We use special abrasive tools to reduce peak to valley height and impart High Gloss Mirror Finish to the Roll resulting in a surface finish of 0.005 Micron Ra Value on the Roll.



Maximum Capacity:

Ø524mm X 6000 mm Length
10 Tons Weight Capacity

