



# DIVYA

**ENGINEERING WORKS**  
METALIC HEALD FRAMES-MADE IN INDIA.

Heald Frames For

**SMOOTH**

&

**NONSTOP WEAVING.**

A QUALITY THAT YOU CAN TRUST.



31, MAHAVIR SMRUTI SOCIETY,  
ARBUDA NAGAR, ODHAV, AHMEDABAD-382415.  
(Gujarat) INDIA

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## Profile

We " DIVYA ENGINEERING WORKS " are one of the highly experienced manufacturers of Metallic Heald Frames and related Accessories, situated in Ahmedabad-Gujarat ( INDIA ). Having a sound and quality experience of more than a decade , our products speak of our quality and company.

We manufacturer Quality Metallic Heald Frames for Projectile, Rapier & Airjet types of Looms of various makes like SULZER, VAMATEX, PICANOL, OMNI, TUSDAKOMA, TOYODA , SOMET and sample looms like CCI and others.

The heald frames manufactured by us are made using the best of material and high level of workmanship, thus giving high performance at high speeds, durable, corrosion resistant and Value for ones investment.

Our heald frames have proved to be the best replacements for all makes of new age, high speed looms, performing successfully at leading textile mills of different capacities all over the nation.

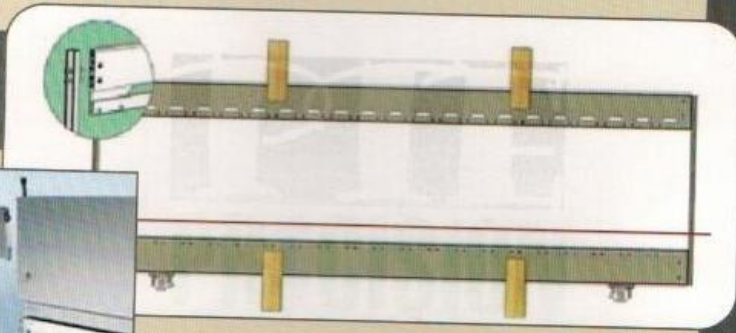
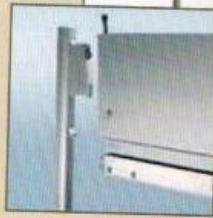
Its only under the able and knowledgeable guidance of Our mentor Mr. J.D.Panchal, all our technicians and staff As a team strive to deliver the best products, with Just in time supplies and cost effective prices.

## Heald Frame – Technical Characteristics

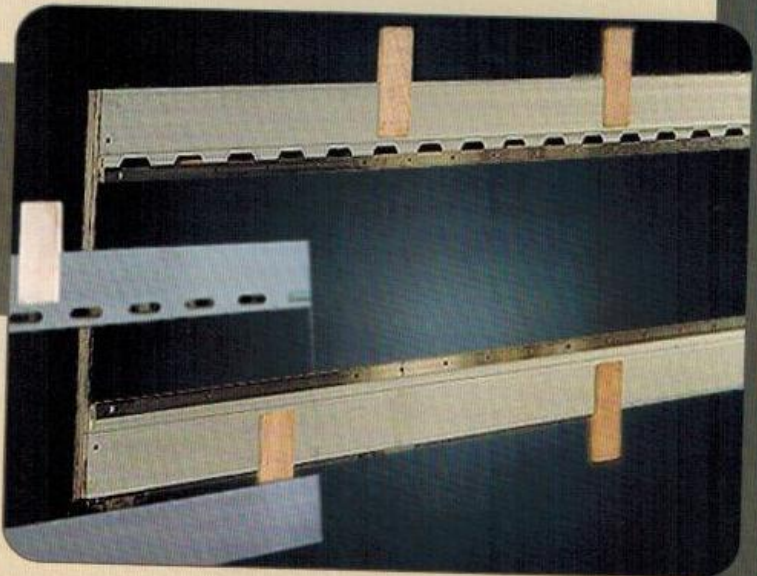
- ❖ Extruded frame staves in special, high tensile / Strength, anodised aluminum alloy.
- ❖ Heald carrying rods in hardened stainless steel with round edges for 'C' & 'J' type of healds. These heald carrying rods are fixed across the full length or are partially movable for manual threading up. The hardness of these rods are usually in the range of 45-47 HRC. These rods are fixed by using Spin riveting method.
- ❖ Lateral supports ( Centre Supports ) designed to withstand the highest speeds and to satisfy the requirements of all major weaving loom mfr's. These supports are connected to the staves by simple but efficient fasteners of best quality. The supports are also nickle plated.
- ❖ The binders ( corner lateral supports ) are made of hard aluminum anodised material ,fabricated steel structure- designed and manufactured as per functional needs.
- ❖ The seperators are made of best quality seasoned wood or spring steel covered with sunmica as required. These are perfectly glued and positioned onto the staves.

HEALD FRAMES FOR PROJECTILE, RAPIER,  
DORNIER & AIRJET LOOMS.

For  
Somet



For  
Picanol,  
Vamatex,  
Tsd'koma,  
All Rapiers



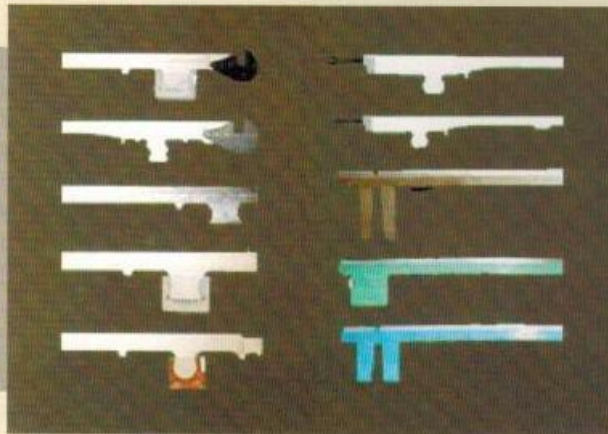
For  
Sulzer  
Projectile



LOOM	MODEL	TOP PROFILE (mm)	Bottom PROFILE (mm)	HEALD BAR	SIDE BINDERS	DRIVING ELEMENTS	NO. OF SEPERATORS
<b>SULZER</b> For 85" & 130" 110", 143" 153" & 173" 73"	PU TW-11 & P7100	AL-90x9	MS-68x9	"J"/"C"	MS Binder with High Tension Screw	Internal-2 or 3 nos.	Top-5 nos & Bottom-4 nos
		AL-90x9	MS-75x9	"J"/"C"	MS Binder with High Tension Screw	Internal-3 nos (Block)	Top-6 nos & Bottom-4 nos
		AL-116x9	AL-116x9	"J"/"C"	MS Binder with High Tension Screw	Internal-2 nos (Block)	Top-2 nos & Bottom-2 nos
<b>PICANOL</b> For OMNI 2080mm &  2280mm HF. Length	PAT GTM	AL-96x9 or AL-120x9	AL-96x9 or AL-120x9	"J"/"C"	"L"-Alluminium	2(Stoubli- Spring Type)	2+2 nos.
	for GTM Rapier 190 cm Loom	AL-120x9	AL-120x9	"J"/"C"	Metal	2(Stoubli- Spring Type)	Top-3 nos & Bottom-4 nos
<b>DORNIER</b> for 190" cms & 210" Loom	GTV, GTN & EDU HTV	AL-96x9	AL-96x9	"J"/"C"	Wooden-20x12 (mm)	2 nos	2-Top & 2-Bottom
		AL-120x9	AL-120x9	"J"/"C"	AL-Slotted	2 nos	2-Top & 2-Bottom
<b>VAMATEX</b> for 190" & 210" 220" Loom (cms)	SUPER	AL-120x9	AL-120x9	"J"/"C"	"L"-Alluminium	2 nos	2+2 nos
<b>SOMET</b> for 2260mm HF Length 3480 mm & 3680mm HF Length	----	AL-96x9	AL-96x9	"J"/"C"	Metal-"L" with inserts to suit profile	2 nos	As Reqd.
	----	AL-120x9	AC-120x9	"J"/"C"	Metal-"L" with inserts to suit profile	2 nos/3 nos	As Reqd.
<b>TSUMKOMA</b> 190" Loom cms	----	AL-105, 106 116mm As Reqd.	AL-105, 106 116mm As Reqd.	"J"/"C"	Metal	----	As Reqd.
<b>RUTI-C</b> for HF Length 1252 mm 1752 1852 1952 2252 2852 3852	----	AL 64x9 65x9 72x9 AL-84x9 Thickness 1.2mm, 1.5mm & 1.8mm As available	64X9 68X9 72X9	"J"/"C"	Metal/Wooden	----	----
<b>NUOYO</b> <b>PIGNONE</b>	TP/400 TP/500	AL 96x9	AL 96x9	"J"	20x12 Wooden	3	3-Top 5-Bottom

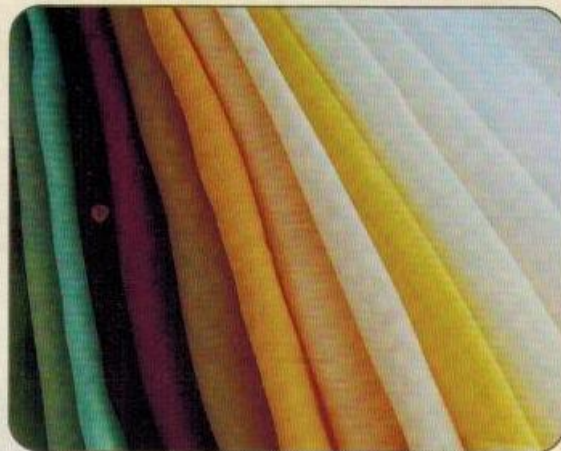
## Lateral Side Supports / Binders.

- ❖ Made of Hard anodised aluminum and fabricated steel as per design requirement.
- ❖ The corner connection between frame staves and lateral supports is made possible by the new " involute engagement" design solution.
- ❖ This simple and easy fastening system ensures maximum dynamic control of the staves' movement and it allows for micro inertial movements between the connected components optimizing the mechanical characteristics of the frames.



## Heald Carrying Rods.

- ❖ Made of H-T stainless steel and carbon steel duly nickle plated.
- ❖ Fixed across the length of frame using spin riveting method.
- ❖ Designed to carry 260mm to 382mm long 'C', 'J' & 'O' shaped loop heald wires.



## Drive Elements/connectors/couplings

We Manufacture Various Types Of Lifting / Shedding Elements For Heald Shaft / Profiles And As Well For Lateral Side Supports.



ARF - 331 Quick coupling



FFC coupling



ARF 382 Coupling



Standard quick coupling 64mm



DRC2 coupling



DRCT/KRC4coupling



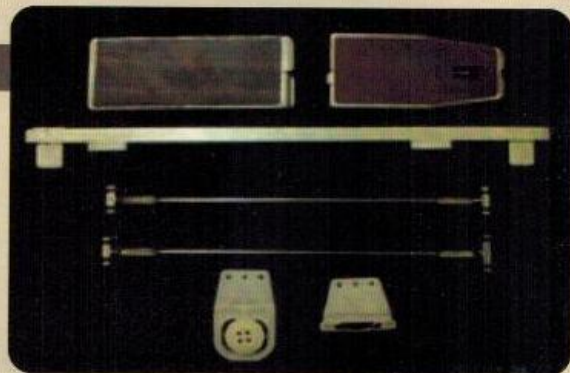
Bush Coupling

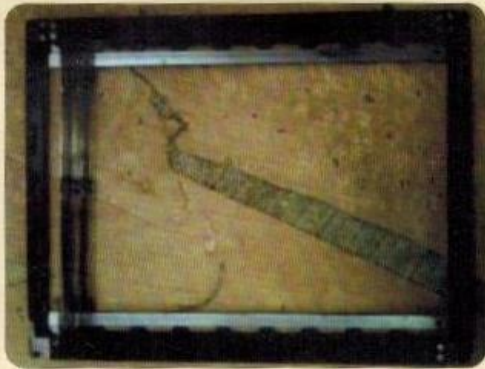


Standard quick coupling 74mm

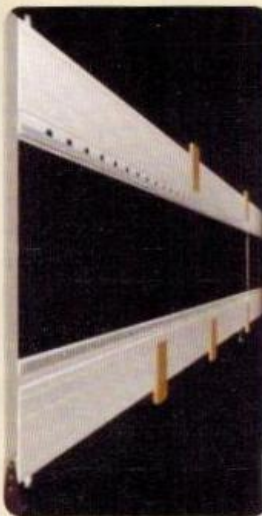
## Accessories & Spares:

- ❖ SEPERATORS-METAL,WOOD & PLASTIC.
- ❖ CENTER SUPPORTS.
- ❖ PLASTIC & PU PARTS.



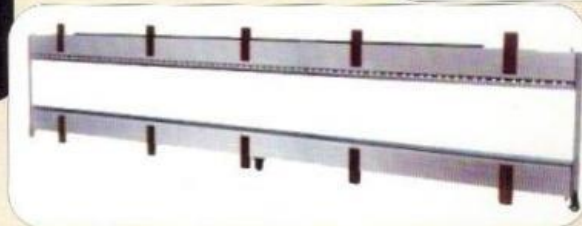
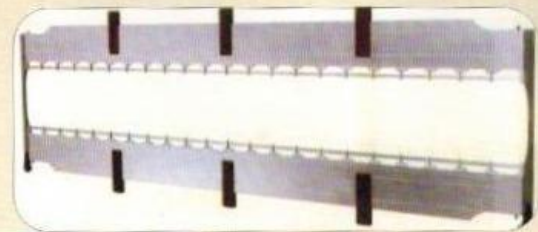


Heald Frame & Warping  
Beam For New Age  
Sample Looms-CCI & Others.



We Also Specialise In Manufacturing Of:

Heald Frame For High Speeds,  
Heavy Load & Wide Width  
Weaving.



Heald Frames For Without Centre Supports Wide Width Weaving, Highly Flexible & Suitable For Special  
Fabrics Used In Aviation & Space Fields, Also For High Density Fabrics.



CONTACT US :



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