

# SRI GURUMOORTHY ENGINEERING WORKS



[www.srigurumoorthiengg.com](http://www.srigurumoorthiengg.com)

# JUPITER EXTRUSION TECHNIKS







### About Us

Our flagship company is Sri Gurumoorthi Engineering Works which was established in 1992. GMEW has established itself as one of leading manufacturers of Extruder Lines for Monofilament plants for Mosquito Nets, Fishing Nets & Artificial Hair.

GMEW has expertised in designing and manufacturing Dies for minute micro sized Monofilament and supplies to various customers.

### Our Vision

We at JUPITER EXTRUSION TECHNIKS are committed to be the leader in our chosen field and excel in all the areas of design, manufacture, market and service.

WE EXPECT LIST OF SATISFIED CUSTOMERS GROW WITH OUR TIMELY QUALITY SUPPLIES AND SERVICES.

### Our Mission

To be the LEADER in our field.

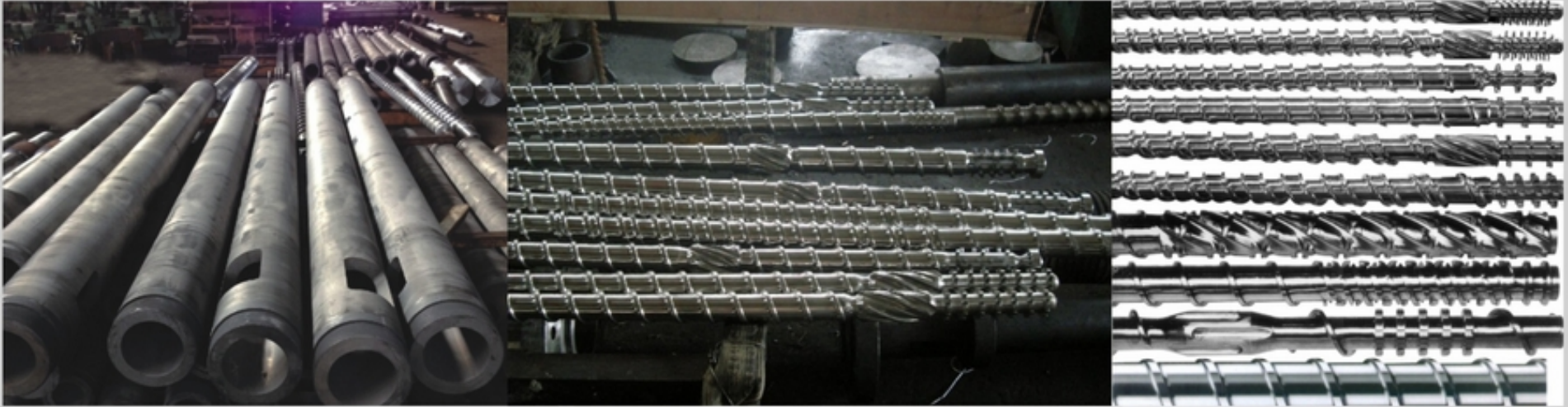
We will create teams in our work force train and involve them in their respective fields and generate awareness of quality, excellence in workmanship, producing plants that work continuously to the fullest satisfaction of our customer.

SERVE THE CUSTOMERS BY TIMELY SUPPLY AND SERVICE



## SINGLE SCREW & BARREL

JET Single Screw Barrel meet the needs for wear and corrosion resistance for all extrusion requirements



## TWIN SCREW & BARREL

Screws & Barrels are manufactured with Good Quality Nitro Alloy Steel



## DIES, DIE HEAD & PARTS



**Mono Filament Die Holes from  
0.6mm can be Provided with  
Any Number of Holes**

**Grooved Feed Bush for  
Single Screw Extruders**





PLANT MODEL	GMMF-45	GMMF-65	GMMF-75	GMMF-90	GMMF-100
Screw Dia	45mm	65mm	75mm	90mm	100mm
Main Drive	20HP	30HP	40HP	50HP	60HP
Extrusion Capacity	50Kgs/Hr	75Kgs/Hr	100Kgs/Hr	125Kgs/Hr	150Kgs/Hr
Monofilament Diameter	0.07-3mm	0.07-3mm	0.07-3	0.07-3mm	0.07-3mm
Die	As per Customer's Requirements				
Heating Load (KW)	18KW	24KW	30KW	40KW	48KW
Connected load	33KW	36KW	60KW	77KW	92KW



## RECYLING PLANT

### STRAND TYPE



Model	O/P (Kg/Hr)	Screw Dia (mm)	L/D Ratio	Main motor (KW)	Rotary Pelletizer
GMR-45	30 - 40	45	32:1	7.5	0.75
GMR-55	50 - 70	55	32:1	12	1.0
GMR-65	75 - 100	65	32:1	18	1.5
GMR-75	110 - 170	75	32:1	33	1.5
GMR-90	160 - 200	90	32:1	37	2.25
GMR-100	200 - 250	100	32:1	44	2.25
GMR-120	250 - 300	120	32:1	55	3.75
GMR-150	300 - 350	150	32:1	64	5.5

## LD/LLD/HD RECYLING PLANT

### DIE FACE CUTTER



#### PLANT MODEL

Model	Screw Size	Output Range Kg/Hr.	Main Motor Kw/HP	Connected Load	Working Load
GM-RE - 90	90 Dia	70 - 110	18.75 / 25	60KW	42KW
GM-RE - 120	120 Dia	150 - 200	37 / 50	89KW	63KW
GM-RE - 130	130 Dia	220 - 300	56 / 75	115KW	80KW

## SINGLE SCREW HDPE PIPE PLANT



MODEL	GMHDP 45	GMHDP 65	GMHDP 75	GMHDP 90
Extruder Screw dia (mm)	45	65	75	90
Max. Output (Kgs/Hr)	40	80	120	180
Main Drive (HP)	20	35	50	80
DIE Head:Dia Range	12	20	50	90
Min (mm)				
Max (mm)	63	110	160	250

## SINGLE SCREW TUBING, SLEEVING PEN REFIL PLANTS



Specification & Quotation on request

## TWIN SCREW RIGID PVC PIPE PLANT



Specification & Quotation on request

## BOX STRAPPING PLANT



## EXTRUDERS

Various Sizes of EXTRUDERS as per Customers Requirement



Application Material	Suitable Grade PP (Virgin)
Critical	Recycled Material at certain Proportion
Extruder Range	60mm, 75mm, 90mm
Strap Surface	Embossed or Plain Flattened
Strap Width	5mm to 9mm, 9mm to 19mm
No. of Straps	2,4
Line speed	120 to 140m/min.
Output	60 to 140 kg/hr
<b>Product Application</b>	
5mm to 9mm	Package of Mail, News Paper, Magazine & Paper
9mm to 19mm	Packaging of Paper, Cartoon Boxes, paper Rolls etc.,



## MIXER COOLER



## PVC COMPOUNDING MIXER



## WASTE PLASTIC RECYCLING





# INFRASTRUCTURE AVAILABLE WITH US



CNC LONG THREAD MILLING



DEEP HOLE DRILLING - 4m LONG



HONING - 5000 mm LONG



CYLINDRICAL GRINDING - 5000 mm LONG



LONG THREAD MILLING - 5000 mm LONG



NITRIDING - 4m LONG

# BRING US ANY COMPONENT MACHINING WE HAVE MACHINE FOR THEM



CNC TURNING CENTRE



CNC VERTICAL MACHINING CENTRE



PLANO MILLER - PLC 4000 x 1400W x 1400 HT



HEAVY DUTY LATHES & MILLING  
(Machine Shop Photo)



SLOTING MACHINE - 2000 Dia x 700 STROKE



HORIZONTAL BORING MACHINE



## FOR HEAVY FABRICATION OF SS & MS

## EQUIPPED WITH EQUIPMENTS



**HEAVY DUTY BENDING MACHINE**  
4000 x 16mm



**HYDRAULIC SWING BEAM SHEARING MACHINE**  
3000 x 4mm

- MIG WELDING
- TIG WELDING
- ARC WELDING



### Facilities : Other facilities to support Machining

CRANE with Hoist	16T
CRANE with Hoist	4T
CRANE with Hoist	3T
HYDRA ESCORTS	16T x 65 Feet
HYDRA ESCORTS	12T x 40 Feet
HYDRA ESCORTS	10T X 24 Feet



**HEAVY DUTY HYDRAULIC PRESS**



**VERTICAL HONING MACHINE FOR  
LARGE DIAMETERS**



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