

# PRECISION ENGINEERED

MOULD TO MACHINING



CENTRIFUGALLY CAST

AUTOMOBILE LINERS & SLEEVES  
REFRIGERATION ENGINE LINERS  
HEAVY EARTHMOVER LINERS  
SP. PURPOSE LINERS

[www.centricastliner.com](http://www.centricastliner.com)  
[www.cylinderliner.co.in](http://www.cylinderliner.co.in)



A Brand for Quality Conscious People...

# J AidARSHAN INDOCRAFT PVT. LTD.

Fourth Decade of Trend Setting  
Performance

Market presence across 21  
countries all over the world  
including Europe, Asia Pacific  
region, Middle East, Australia &  
Africa

All Liners are made of Centrifugal  
Casting & Shell Casting which  
gives Homogeneous structure and  
uniform hardness

Free from casting defects like  
blow holes, porosity & cracks

Highly qualified and dedicated  
workforce to achieve zero defect  
components

Quick and in-time delivery due to  
in-house hi-tech manufacturing  
facility

OEM supplier

ISO 9001:2008 certified

## Cylinder Liners & Cylinder Sleeves

The last decade the Indian automotive market has undergone a sea of change with a host of Korean, Japanese, European and other international models hitting our roads. These advance vehicles prefer only centrifugally cast cylinder liners to get a perfect working engine.

In line with its philosophy of keeping pace with the changing times, JAIDARSHAN INDOCRAFT PVT LTD. Established "JAI NO.1" & "M.D.T" brand cylinder liners. Through the blend of factors like orientation towards technology, business ethics, smart strategizing, commitment to quality and customer orientation, the company has made a significant impact on the minds of its customers. Today our brands "M.D.T" & "JAI NO.1" has created waves as the first choice of the quality conscious customers in industry. The business requires specialized skill and an unwavering commitment to quality. The latter came naturally to the company, and the former, it meticulously assimilated in the following years.



## Committed to Excellence

When intelligence, efforts and perseverance are mixed in proper proportions. It is like a winning formula first invented, then modified to suit the requirement and finally administered for the best results.

We strongly believe in "Quality is an effective way to crush competition & one satisfied customer creates a thousand more". Our product represents the highest synthesis of technology, price performance and certified quality.



# Infrastructure

<b>FOUNDRY</b>	Induction Melting Furnace Carbon Silicon Analyser Centrifugal Casting Machines
<b>LATHE MACHINES</b>	Lathe machines (5' to 9') All gear lathe machines Heavy duty lathe machines
<b>CNC MACHINE</b>	CNC turning center Vertical machining center - SPM CNC Lath Machine
<b>BORING MACHINE</b>	Vertical Boring Machine Portable Boring Machines
<b>DRILL MACHINE</b>	Pillar drilling machine CNC drill
<b>GRINDING MACHINE</b>	Centerless grinding machines Cylindrical grinding machines
<b>HONING MACHINE</b>	Automatic Honing machine - SPM Honing Machines - JAPAN make Derby Honing
<b>MARKING MACHINE</b>	Marking Machine with all accessory - Pneumatic Metal Marking machine -Itching type
<b>INSPECTION INSTRUMENTS</b>	Hardness Tester Micrometer, Vernier, Ring Gauge, Dial Gauge etc. Portable Surface Microscope Go-No Go Gauges





## Product Range

- Car : Compact, Mid-Size, Luxury, Saloon, SUV, MPV
- Truck : HCV, LCV, Pickup Van, Refrigeration On wheels Van, Utility Van
- Tractor : Heavy Duty, Light Duty, Multi Utility Tractors
- Earthmover Engines
- Marine Engines
- Air compressor Engines
- Ammonia Compressor Engines
- Power Generator Engines

## Production Parameters

Dimensional Range:

**Inner Diameter:** 40 to 250 mm

**Outer Diameter:** 45 to 300 mm

**Length:** Max 500 mm

## Chemical Composition

LIMIT	C	SI	S	Mn	Ni	Cr	Mo	Cu	P
MIN	3.00	1.60	—	0.3	0.005	0.006	—	—	—
MAX	3.70	2.70	0.15	1.0	0.5	0.4	0.5	0.5	0.35

## Dimension

PRODUCT	PARAMETERS	TOLERANCE	
Finished centrifugally cast cylinder sleeves	Length	$\pm 0.2$ mm	
	I.D.	F.F.	- 0.025 mm
		S.F.	$\pm 0.1$ mm
	Outer Diameter	$\pm 0.025$ mm	
	Collar Diameter	$\pm 0.025$ mm	
	Collar width	$\pm 0.05$ mm (finished) $\pm 0.1$ mm (semi)	

**Hardness:** 190 - 260 BHN

**Tensile Strength:** 22-25 Kgf/sqm

**Surface Roughness:** 0.4 to 0.8 micron

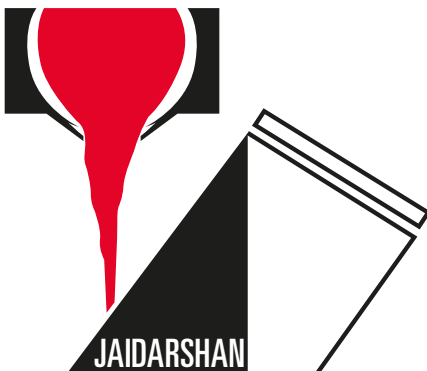
**Micro Structure:**

Graphite Type "A" & "B" ("D" & "E" random)

Flake Size: Max 4-8

Matrix : Free Ferrites max 5-6%

# COVERAGE - Cylinder liners & Sleeves for

**JAIDARSHAN  
INDOCRAFT  
PVT. LTD.**

ISO 9001: 2008 certified

## JAIDARSHAN INDOCRAFT PVT. LTD.

CENTRIFUGALLY CAST CYLINDER LINERS  
& CYLINDER SLEEVES

120, G.V.M.M. INDUSTRIAL ESTATE, ODHAV,  
AHMEDABAD-382415, GUJARAT, INDIA.

TEL: +91 (79) 22901661

FAX: +91 (79) 22901561

MOB: +91 9377967468

CUSTOMER CARE: +91 (79) 22901261

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

[www.cylinderliner.co.in](http://www.cylinderliner.co.in)

