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# INDO TECH

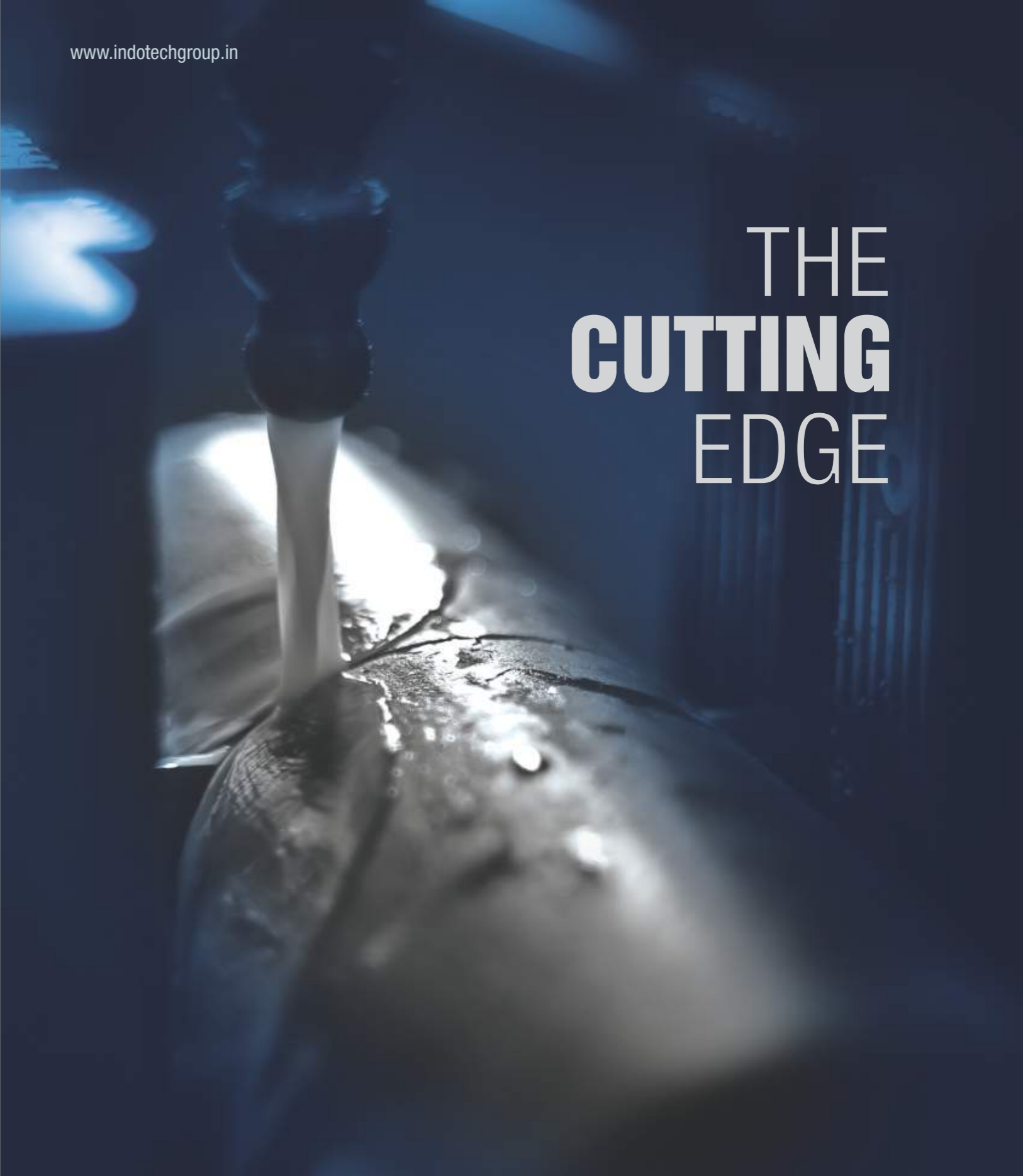
...with a zeal for excellence

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# THE CUTTING EDGE



...with a zeal for excellence  
**INDO TECH**  
Best In-Class **Metal Cutting** Solutions

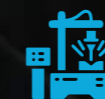
# THE SPARK OF EXCELLENCE

## A FORESIGHT SPANNING DECADES, WITH FOCUS ON THE FUTURE.

With a vision to bring world class metal cutting solutions and services to the world, INDOTECH delivers robust and cutting edge solutions across various verticals of the engineering industry.

With an in-depth experience in Metal Cutting Industry spanning three decades, with several milestones to our credit, INDOTECH is recognised as a reliable end-to-end solution provider for the Industry. Today we serve a long list of blue-chip industries. Our client retention, with more than 68% of revenue from existing customers, speaks volumes about our quality deliveries.

INDOTECH combines the age old industry know-how with the modern solution-based approach of a global player. Today, our customer base comprises of a wide spectrum of companies - right from automobile industries and their ancillaries, general mechanical engineering, energy, aerospace, defense, oil and gas, R&D to name a few.



5000+  
MACHINES  
DELIVERED



20+  
GLOBAL  
LOCATIONS



3500+  
SATISFIED  
CLIENTS



30+  
YEARS OF  
EXPERIENCE

# FACILITATING PRECISION METAL CUTTING



## INFRASTRUCTURE

The advanced manufacturing facility at INDO TECH plant is the hub for manufacturing a range of quality metal cutting solutions. With the help of a discerning people force, cutting-edge technology, and value-added services, we are able to deliver unmatched standards of product quality to our customers.

The state-of-the-art manufacturing, process control instrumentation and a robust quality control system - all have contributed to a positive reputation the company enjoys amongst a host of clients worldwide.



# ENGINEERING TO CREATE VALUE

Over the years INDOTECH has earned a formidable name for the highest level of Metal Cutting Solutions. Our age old presence in the field has given us an in-depth understanding of industry dynamics, helping us develop a world class manufacturing facility to manufacture a range of quality metal cutting solutions. The plant is equipped with a plethora of advanced machine making set-ups that rival the best in the world, allowing us to manufacture a wide range of product offerings.



# QUALITY AT THE CORE

Our vision is to reach out to enterprising corporations in need of quality machines and tools globally by providing high quality affordable products. To foster this, we have always had our eyes set on meeting the demands of world class product delivery.

To this effect, INDOTECH manufacturing facilities have been going through extensive upgrades from time to time to meet the criterion of modern machine manufacturing plants.

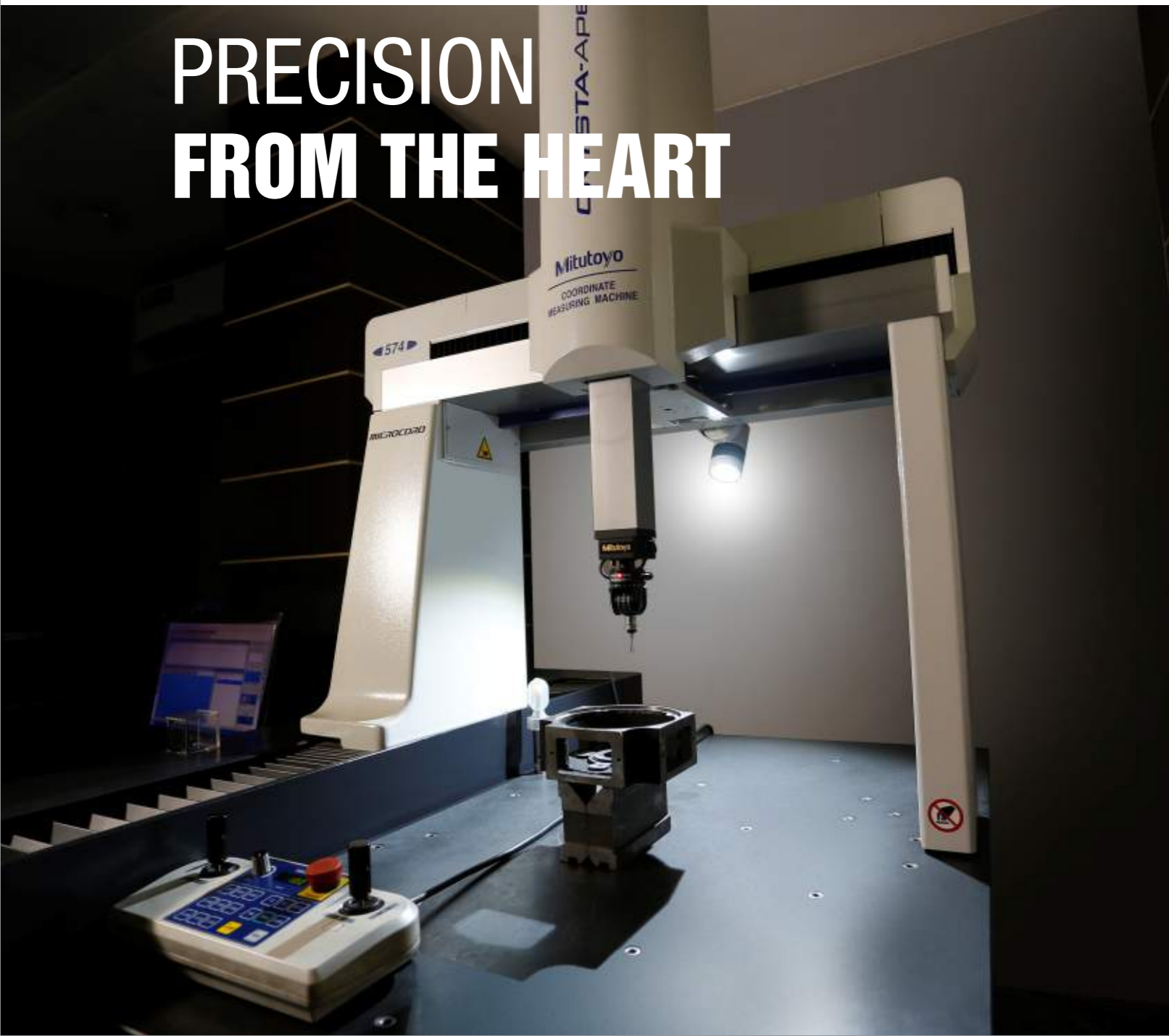


# KEY DIFFERENTIATORS

A sound and consistent knowledge based on a deep understanding of the industry allows us to simplify our clients needs and make way for flawless products. To further warrant this, the R&D department at INDOTECH works in close association with our customers for quality delivery.

Our innovative bandsaw machines and machining systems along with modern production engineering and high vertical integration provides optimum control of every single component of our machines. A slew of stringent quality measures ensures each product goes through a meticulous performance check. All these endeavours help us in delivering world class bespoke solutions in machineries.

## PRECISION FROM THE HEART



### **Automatic Blade Tensioning**

State of the art four point pillar type hydraulic blade tensioning

### **Power Transmission**

High efficiency power transmission to saw through HELICAL GEARED MOTOR

### **Blade Guiding**

Adjustable & movable Dove-tail Type Heavy Duty Movable Blade Guide

### **Bearing Housing**

Special bearing housing with heavy duty Cylindrical Roller bearing to isolate the Gear Box from the load of blade tensioning.

### **Pressure Valve**

Specially designed pressure valve to optimise the pressure on the tool during cutting operation depending on material being cut, thereby resulting in much better tool life.

### **Auto Indexing Shuttle**

Auto Indexing Shuttle & Vices with indexing stroke of length 600 mm (550mm with Bundle attachment) with much wider & heavy duty Vices for Rigid Clamping of the job for smooth indexing without Slippage.

### **Cycle Sequencing**

Cycle sequencing through PLC and user friendly touch screen for easy operation.

### **Numerically Controlled version for Length Setting**

Length setting through Digital Linear Scale along with Sensor with Multiple Batch programming through High End PLC with frequency converter. Length to be set through PLC without any human intervention.

### **Additional Wheel Support**

Additional heavy duty bearing to support the other end of the Gear Box shaft, isolating it from the radial load, there by preventing breakages.

INDEX

## BEST IN CLASS METAL CUTTING SOLUTIONS

01. **Horizontal Series**
02. **Miter Series**
03. **Vertical Series**
04. **Circular Saws**
05. **Special Purpose Machines**



### A New Dimension of Performance - Find the right machine for your requirements

INDOTECH offers an extended range of solutions to achieve increased productivity and flexibility in production with a range of Horizontal, Miter, Vertical Circular saw and Special Purpose Machines, based on your requirements. These machines are designed for stable processes in harsh daily production environments and components are adequately tested, ensuring robust machines for optimum utilization.

BUILD LASTING **STRENGTH**

## HORIZONTAL SERIES

INDOTECH is proud to offer an extensive line of horizontal dual-column bandsaws. Considered Indotech's most popular and frequently used series of saw, our dual-column series allows more stability during cutting jobs.

INDOTECH offers machine in a true dual column design, featuring heavy-duty steel columns, as well as dual post systems which utilize a linear guide rail system. Cutting capacities from 8 to 80 inches, and each saw comes with an extensive list of optional accessories that can help make a saw operators job easier and more efficient.

**HIGH QUALITY HIGH RIGIDITY  
& HIGH EFFICIENCY**



ITM 300  
LMGA (RF)

ITM 360  
LMGA (RF)



Auto Indexing Shuttle with much wider & heavy duty Vices for Rigid Clamping of the job for smooth indexing without Slippage.



ITM 415  
LMGA (RF)



MANUAL, SEMI-AUTOMATIC & NC VERSIONS

SPECIFICATION		210 LMGA   LMGS	300 LMGA   LMGS	360 LMGA   LMGS	415 LMGA   LMGS	460 LMGA   LMGS
Cutting Capacity [mm]	Square □	210x210	300x300	360x360	415x415	460x460
	Round ○	210	300	360	415	460
Cutting Speed [mtr/min]		20-100	20-100	20-100	20-100	20-100
Blade Size [mm]		4000x27x0.9	4400x34x1.1	5250x41x1.3	5500x41x1.3	5800x41x1.3
Blade Tension		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Saw Motor Capacity [hp]		03	05	7.5	7.5	7.5
Hydraulic Motor Capacity [hp]		01	01	01	01	02
Coolant Motor Capacity [hp]		0.16	0.16	0.16	0.16	0.16
Job Indexing Available in		LMGA Version	LMGA Version	LMGA Version	LMGA Version	LMGA Version
Hydraulic Reservoir [ltr.]		80/40	80/40	80/40	80/40	80
Approx Weight [Kg]	LMGA[RF]	1550	1700	2350	2650	2900
	LMGS	1200	1350	1950	2100	2300
Overall Dimension [mm]	LMGA[RF]	2400x1700x1500	2600x1900x1760	3000x1950x1950	3000x1950x2050	3250x1950x2050
	LMGS	2400x1300x1500	2600x1410x1760	3000x1500x1950	3000x1500x2050	3250x1500x2050



# ITM 520 LMGA (RF)



# ITM 650 LMGA (RF)



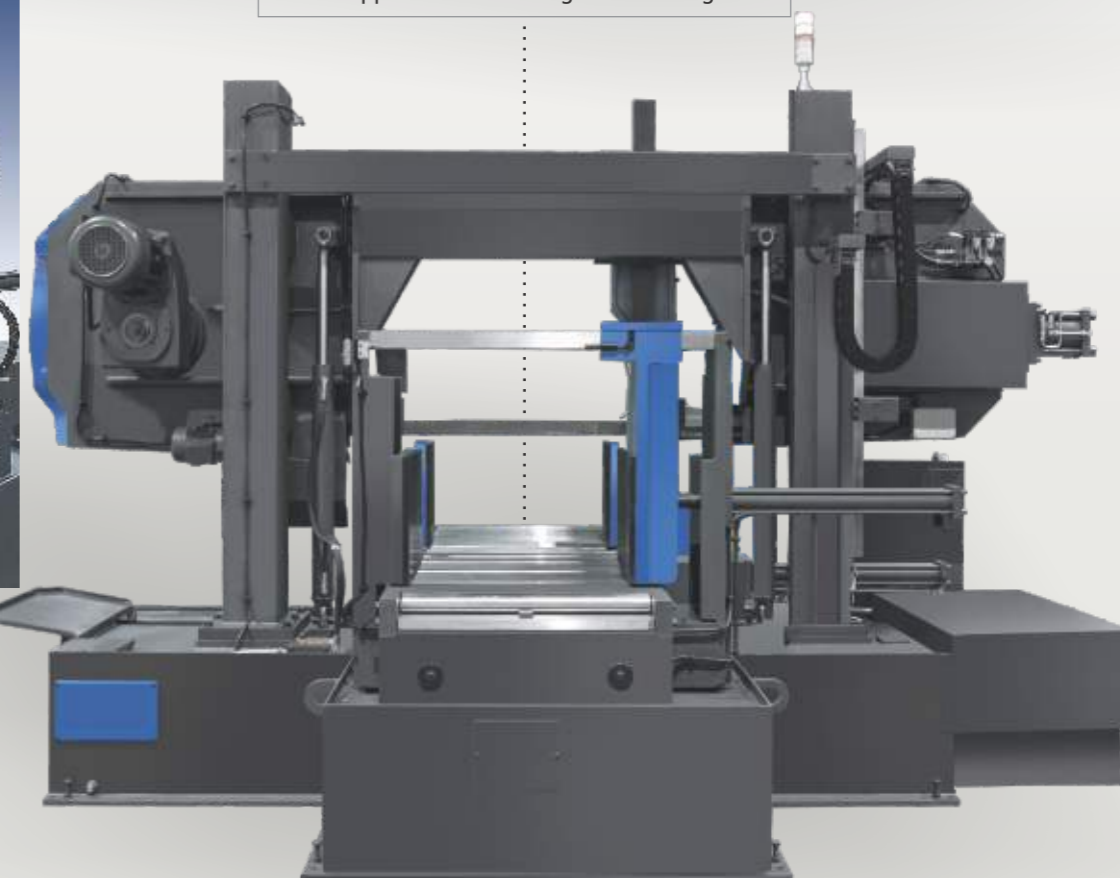
### SEMI AUTOMATIC, FULLY AUTOMATIC & NC VERSIONS

SPECIFICATION		520 LMGA   LMGS	550 LMGA   LMGS	650 LMGA   LMGS
Cutting Capacity [mm]	Square □	520x520	550x550	650x650
	Round ○	520	550	650
Cutting Speed [mtr/min]		20-100	20-80	20-80
Blade Size [mm]		6650x41x1.3	8030x54x1.6	8200x67x1.6
Blade Tension		Hydraulic	Hydraulic	Hydraulic
Saw Motor Capacity [hp]		7.5/10	12.5	12.5
Hydraulic Motor Capacity [hp]		02	02	02
Coolant Motor Capacity [hp]		0.16	0.25	0.25
Job Indexing Available in		LMGA Version	LMGA Version	LMGA Version
Hydraulic Reservoir [ltr.]		80	80	100
Approx Weight [Kg]	LMGA[RF]	3800	6100	6400
	LMGS	3100	5300	5500
Overall Dimension [mm]	LMGA[RF]	3500x2150x2200	4200x2200x2500	4450x2200x2600
	LMGS	3500x1500x2200	4200x1750x2500	4450x1750x2600

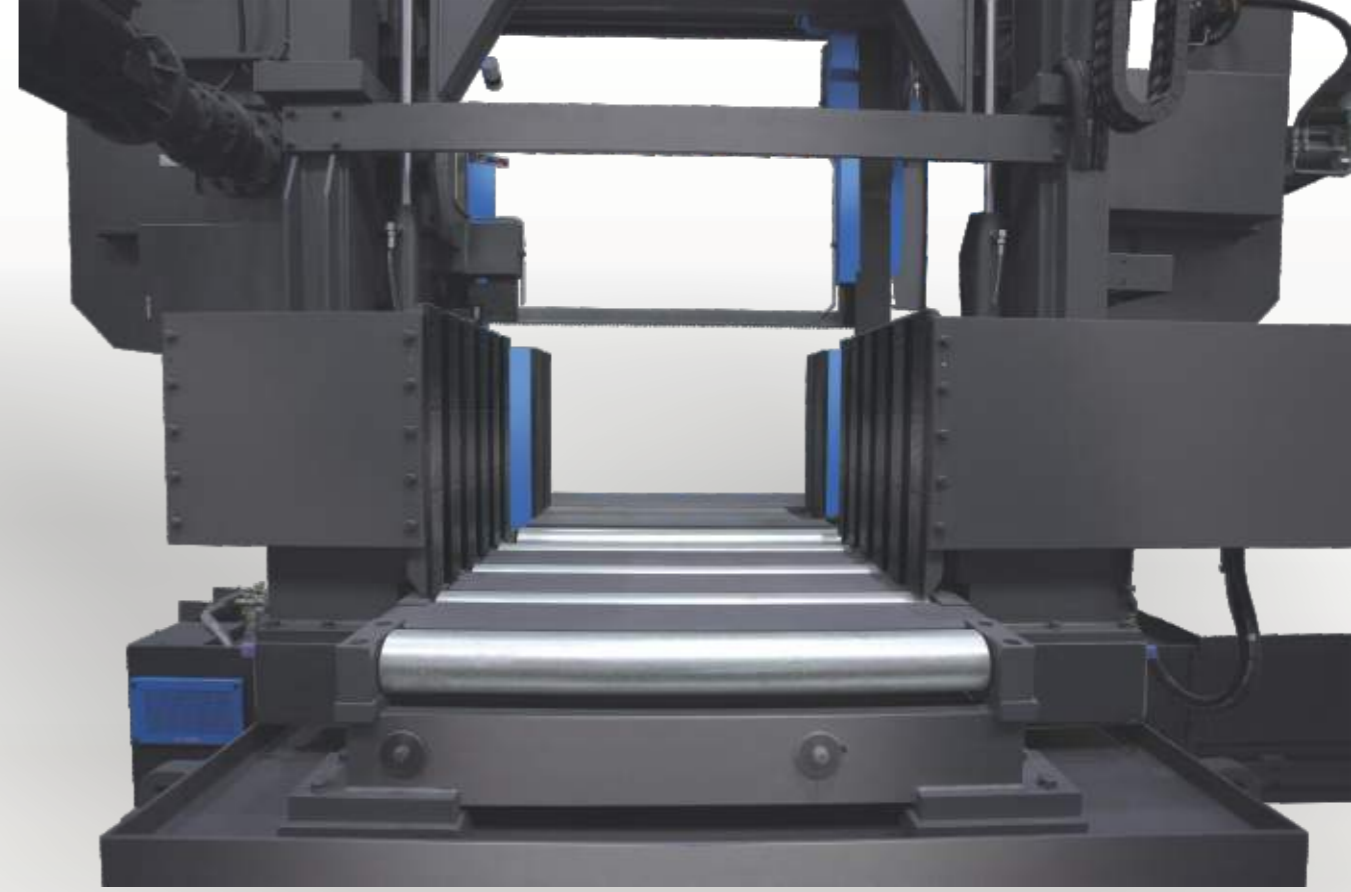


Specially designed heavy duty Bridge type Job Clamping & Indexing Shuttle

Roller support across the length of Indexing Table



# ITM 850 LMGA (RF)



# ITM 1250 LMGA (RF)



Heavy duty Auto Indexing Shuttle with much wider & Vices for Rigid Clamping of the Heavy Jobs for smooth indexing without Slippage.



## MANUAL, SEMI AUTOMATIC & NC VERSIONS

SPECIFICATION		850 LMGA   LMGS	1050 LMGA   LMGS
Cutting Capacity [mm]	Square □	850x850	1050x1050
	Round ○	850	1050
Cutting Speed [mtr/min]		20-80	20-80
Blade Size [mm]		9215x67x1.6	10650x67/80x1.6
Blade Tension		Hydraulic	Hydraulic
Saw Motor Capacity [hp]		12.5/15	15/20
Hydraulic Motor Capacity [hp]		02	03
Coolant Motor Capacity [hp]		0.25	0.25
Job Indexing Available in		LMGA Version	LMGA Version
Hydraulic Reservoir [ltr.]		100	100
Approx Weight [Kg]	LMGA[RF]	7500	9750
	LMGS	6700	8100
Overall Dimension [mm]	LMGA[RF]	4600x2200x3100	4800x2200x3500
	LMGS	4600x1750x3100	4800x1750x3500

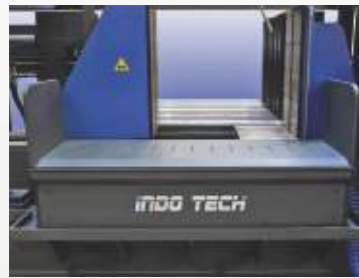
## MANUAL, SEMI AUTOMATIC & NC VERSIONS

SPECIFICATION		1250 LMGA   LMGS
Cutting Capacity [mm]	Square □	1250x1250
	Round ○	1250
Cutting Speed [mtr/min]		20-80
Blade Size [mm]		12000x67/80x1.6
Blade Tension		Hydraulic
Saw Motor Capacity [hp]		20
Hydraulic Motor Capacity [hp]		03
Coolant Motor Capacity [hp]		0.33
Job Indexing Available in		LMGA Version
Hydraulic Reservoir [ltr.]		100
Approx Weight [Kg]	LMGA[RF]	15500
	LMGS	13100
Overall Dimension [mm]	LMGA[RF]	5500x2200x3750
	LMGS	5500x1750x3750

# ITM 1600 LMGS

SEMI AUTOMATIC, FULLY AUTOMATIC & NC VERSIONS

SPECIFICATION		1500 LMGA   LMGS	2000x1500 LMGA   LMGS
Cutting Capacity [mm]	Square □	1500x1500	2000x1500
	Round ○	1500	
Cutting Speed [mtr/min]		20-80	20-80
Blade Size [mm]		13840x67/80x1.6	16000x80x1.6
Blade Tension		Hydraulic	Hydraulic
Saw Motor Capacity [hp]		20	25
Hydraulic Motor Capacity [hp]		03	03
Coolant Motor Capacity [hp]		0.33	0.33
Job Indexing Available in		LMGA Version	LMGA Version
Hydraulic Reservoir [ltr.]		100	100
Approx Weight [Kg]	LMGA[RF]	17500	21500
	LMGS	14100	19100
Overall Dimension [mm]	LMGA[RF]	6300x2200x4550	7250x2200x4850
	LMGS	6300x1750x4550	7250x1750x4850



Heavy Duty Machine Bed with Work Table.



High efficiency power transmission to Saw through PLANETARY GEAR BOX



Rear side of Automatic Machine with Hydraulic Shuttle



State of the art Four Point Pillar Type Hydraulic Blade Tensioning



Hydraulic Auto indexing shuttle with much wider & heavy vices to pull heavy loads and synchronized with auto cycle



Automatically Adjustable, Dove-tail Type Heavy Duty Movable Blade Guide with hydraulic locking facility.



*i* 600 x 400 (A)  
With Auto Loader

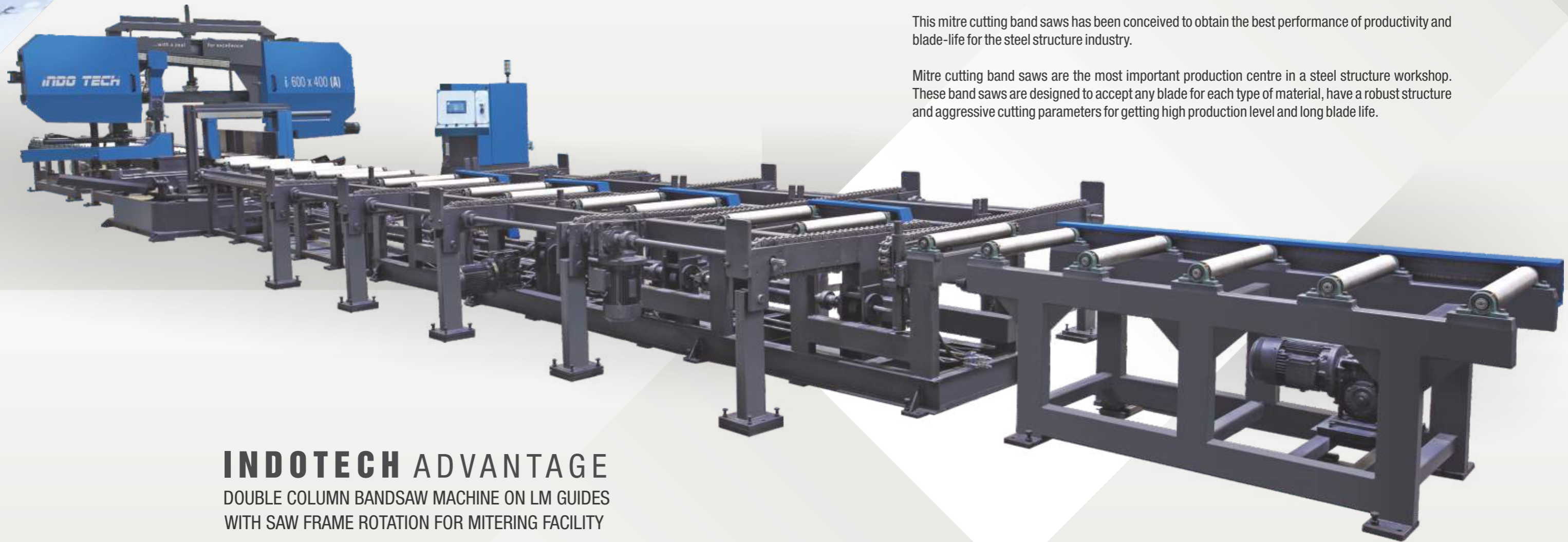
ANGULAR PRECISION

# MITER CUTTING SERIES

For saws that need to demonstrate new kinds of flexibility, are counted on to last longer, and operate more safely at the same time. Mitering and dual mitering bring an added level of capability.

This mitre cutting band saws has been conceived to obtain the best performance of productivity and blade-life for the steel structure industry.

Mitre cutting band saws are the most important production centre in a steel structure workshop. These band saws are designed to accept any blade for each type of material, have a robust structure and aggressive cutting parameters for getting high production level and long blade life.



## INDOTECH ADVANTAGE

DOUBLE COLUMN BANDSAW MACHINE ON LM GUIDES  
WITH SAW FRAME ROTATION FOR MITERING FACILITY



Large and accurate Swivel type bearing calculated to support and turn heavy loads, allowing the mitre positioning of the whole machine.



Motorised Rotation of Cutting Arm to desired Degree with the help of Geared Motor, Rotary Encoder & High-end PLC & HMI thru Panel.



Heavy duty horizontal clamping of material on both sides of the blade and the material remains fully bound until the cut ends.



Roller Bearing Support for Saw frame Rotation



Specially Designed Blade Guide Box

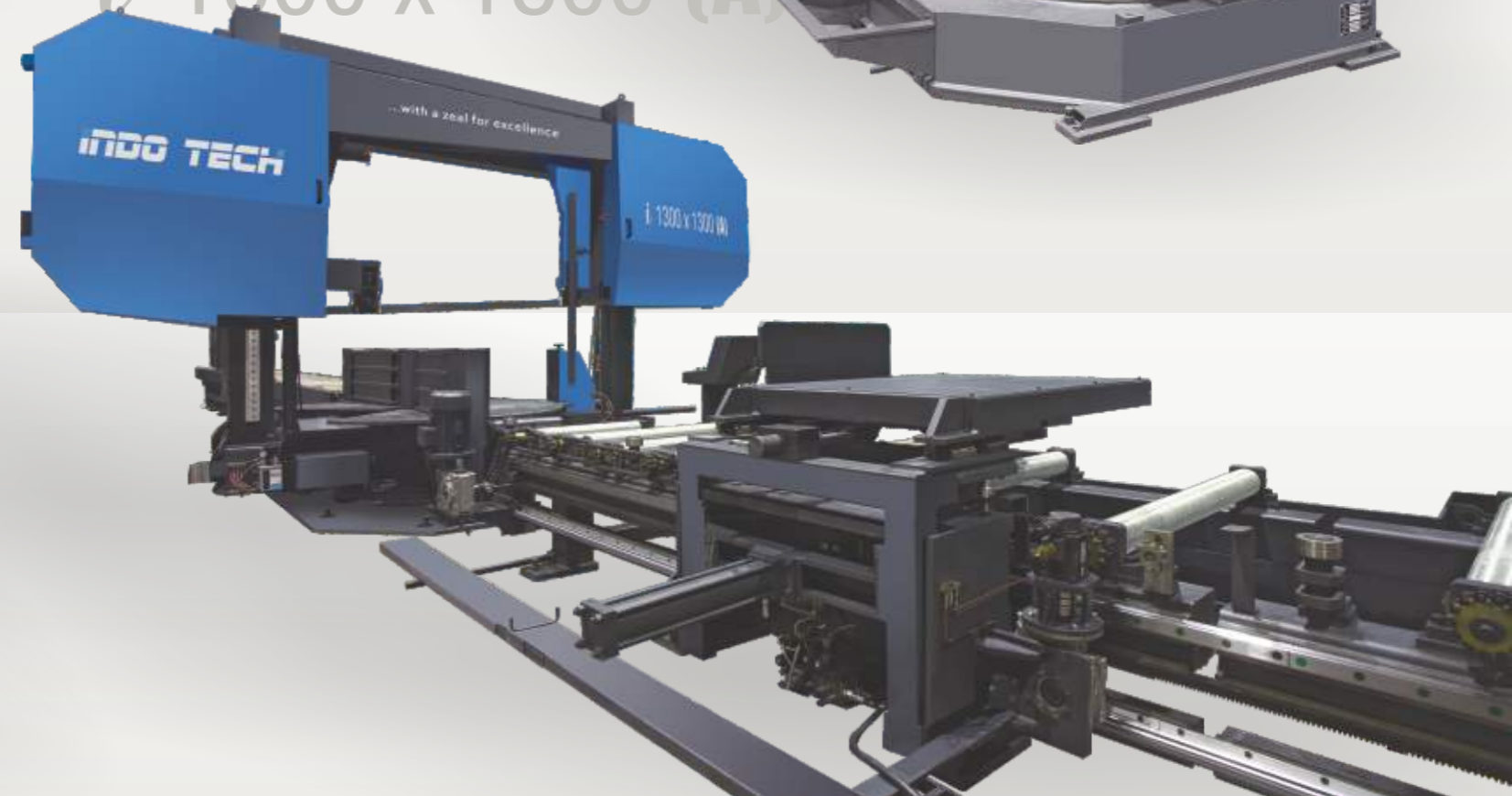
i 300 (A)

i 750 x 550 (A)



i 600 x 440 (A)

i 1300 x 1300 (A)



SPECIFICATION	i 300			i 600x440			i 750x550			
	■	■	●	■	■	●	■	■	●	
Cutting Capacity [mm]	0°	300x300	300	300	600x440	440x440	440	750x550	550x550	550
	45°	275x300	275x275	275	400x440	400x400	400	480x500	480x480	480
	60°	175x300	175x175	175	250x440	250x250	250	330x480	330x330	330
	- 45°	275x300	275x275	275	400x440	400x400	400	480x500	480x480	480
Hydraulic Motor Capacity [HP]	01			1.5			02			
Main Motor capacity [HP]	03			7.5			7.5			
Cutting Speed [mtr/min]	20-100			20-100			20-100			
Blade Size [mm]	4860x34x1.1			7200x41x1.3			7500x41x1.3			
Coolant Motor Capacity [HP]	0.16			0.16			0.16			
Job Indexing	Automatic/Manual			Automatic/Manual			Automatic/Manual			
Indexing Stroke Available [*Optional]	500mm to 6000mm			500mm to 6000mm			500mm to 6000mm			
Approx Weight [Kgs]	1600			3200			3500			
Overall Dimension [mm]	3000x1600x1900			2920x2170x2180			2950x2400x2250			

SPECIFICATION	i 1000x500			i 1200x600			i 1300x1300			
	■	■	●	■	■	●	■	■	●	
Cutting Capacity [mm]	0°	1000x500	500x500	500	1200x600	600x600	620	1300x1300	1300x1300	1300
	45°	660x500	500x500	520	795x600	600x600	620	820x1300	820x820	820
	60°	450x500	450x450	450	540x600	540x540	540	570x1300	570x570	570
	- 45°	660x500	500x500	520	795x600	600x600	620	820x1300	820x820	820
Hydraulic Motor Capacity [HP]	02			02			02			
Main Motor capacity [HP]	10			10			20			
Cutting Speed [mtr/min]	20-100			20-100			20-100			
Blade Size [mm]	54(W)x1.3mm			8270x54x1.6			13400x54/67x1.6			
Coolant Motor Capacity [HP]	0.25			0.25			0.25			
Job Indexing	Automatic/Manual			Automatic/Manual			Automatic/Manual			
Indexing Stroke Available [*Optional]	500mm to 6000mm			500mm to 6000mm			500mm to 6000mm			
Approx Weight [Kgs]	7200			7400			7100			
Overall Dimension [mm]	4250x2960x2670			4480x2960x2670			4250x2700x3300			

HIGH AGILITY  
HIGH PERFORMANCE

# VERTICAL CUTTING SERIES



## INDOTECH ADVANTAGE



Ergonomically placed Control Panel with Touch Screen HMI for convenient operations



Main Table Indexing through Servo Drive System for precise cuts



Multiple Ball Transfer Units on Main Table for easy handling of Heavier Jobs

The secret behind the Vertical Series is Engineering par excellence. Vertical Bandsaws being very versatile, can cut solids and blocks powerfully, accurately and on a much longer lengths which is not possible in case of Horizontal Bandsaws.

The saw band is arranged Vertically to the job guaranteeing peak performance and clean cuts along the entire length.

The machines can be designed in an extremely compact space and is available in several variants. The Vertical series is available with a moving saw frame and moving table variant.



# ITM 200 V3 (H)

# ITM 200 V3 (M)



Special purpose semi-automatic bandsaw with precision ball screw & servo drive for arm feed



Bridge type Hydraulic multi-point Material Top clamping



Motorised Chip Conveyor throughout the Bed Length of 3 Meter.



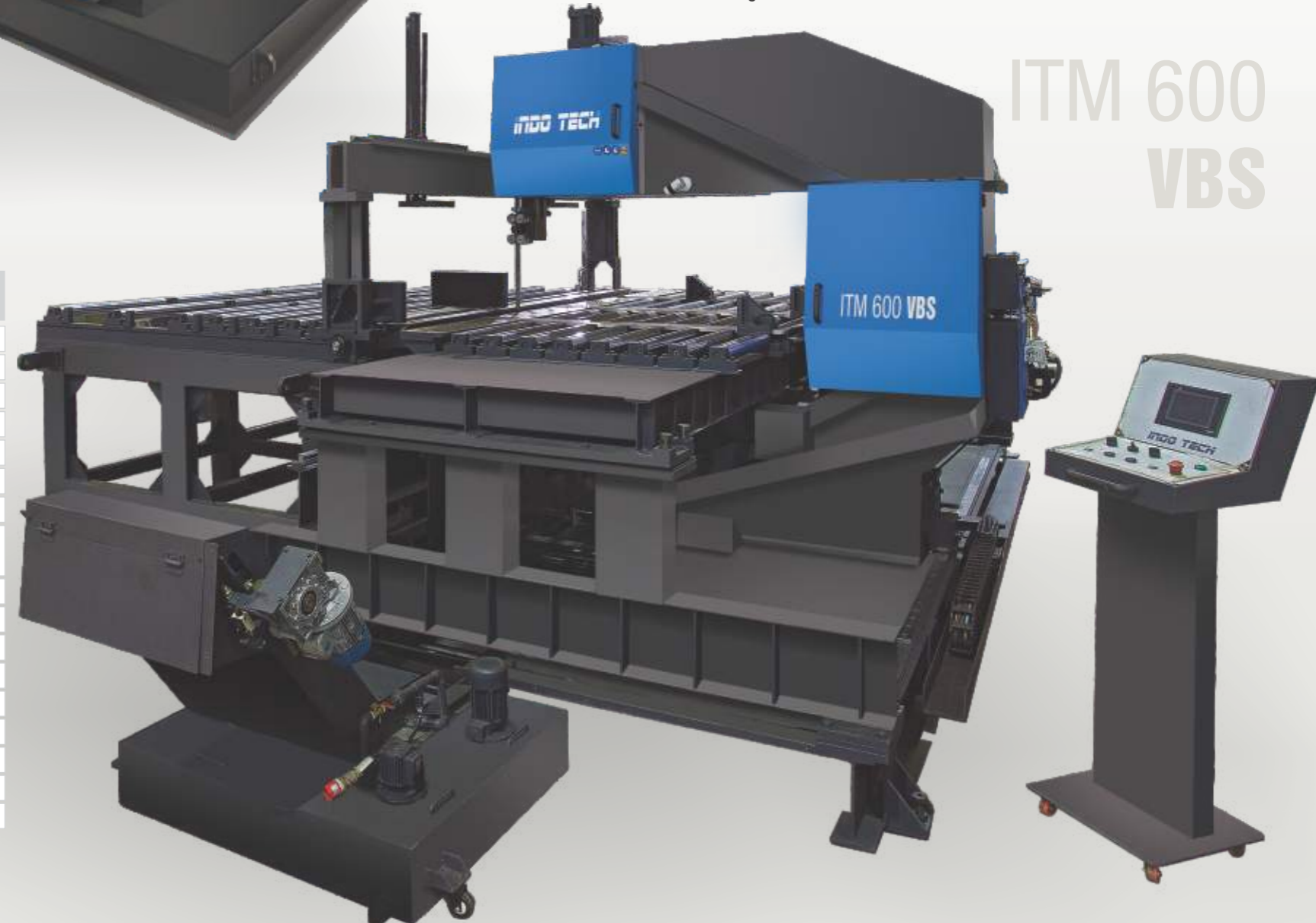
Saw Head feeding, stroke 3 mtr, with the help of Servo Drive unit & feedback thru Rack & Pinion arrangement.



Heavy duty movable OHNS Roller / Carbide guides with hydraulic locking

## ITM VERTICAL SERIES MANUAL & HYDRAULIC

SPECIFICATION	ITM- 100 V3 (M)	ITM- 100 V3 (H)	ITM- 200 V3 (M)	ITM- 200 V3 (H)	ITM- 300 V3 (M)	ITM- 300 V3 (H)
Max. Job Height [mm]	100	100	200	200	300	300
Max. Throat [mm]	300	300	600	600	900	900
Saw wheel dia	300	300	625	625	925	925
Number of wheels	02	02	02	02	02	02
Work table operation	Fixed	Hydraulic	Fixed	Hydraulic	Fixed	Hydraulic
Table size [LxW in mm]	600x600	600x600	700x700	700x700	900x900	900x900
Table Travel [mm]	NA	300	NA	400	NA	600
Blade speed [mtr/min] [High speed version also available]	20-100	20-100	20-100	20-100	20-100	20-100
Blade size [LxWxT in mm]	3000x27x0.9	3000x27x0.9	4860x34x1.1	4860x34x1.1	6300x41x1.3	6300x41x1.3
Blade Tension	Manual	Hydraulic	Manual	Hydraulic	Manual	Hydraulic
Saw Motor Capacity [HP]	03	03	05	05	7.5	7.5
Hyd. Motor Capacity [HP]	NA	1.5	NA	1.5	NA	1.5
Hyd. reservoir [ltrs]	40	40	40	40	40	40
Coolant motor capacity [HP]	0.16	0.16	0.16	0.16	0.16	0.16
Butt welder	optional	optional	optional	optional	optional	optional
Overall size [LxWxT in mm]	900x700x2100	900x700x2100	1800x1750x2300	1800x1750x2450	2100x1750x3000	2100x1750x3000
Approx weight [Kg]	900	1500	1850	2400	2800	3800



# ITM 600 VBS

# ITM CS 170



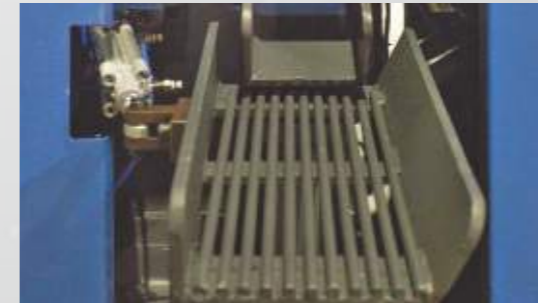
MANUFACTURING  
INNOVATION & PERFORMANCE

## CIRCULAR SAW SERIES

Circular sawing machines with auto loaders are used in diverse industries for cutting up bars and tubes. These circular sawing machines are specially designed for high rate of production and more accuracy. Available in semi-automatic, fully automatic and numerically controlled versions, our machines feature simple controls and robust construction.

We can offer circular sawing machines in different specifications based on the application based requirements of the clients.

### UNIQUE FEATURES



**Pneumatic Sorting Switch**

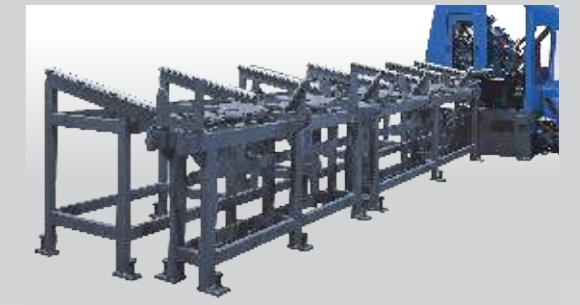


**Mist Cooling System**



**Saw Head**

Saw Head is ball screw actuated with premium grade linear motion guides. The saw head is Servo controlled.



**Autoloader**

Autoloader of width 1000mm and 6000mm length to stack the bars in single row. The bars will be transferred on to the machine one by one, once the earlier bar is exhausted.



**Auto Indexing Feeder**

Auto indexing feeder is also driven by a highly precise servo motor with precision ball screw stroke 600mm. The job rests on roller table mounted above the indexing feeder for smooth movement.



**Electric Panel**

Ergonomically designed electrical panel which houses the servo drive arrangement along with PLC & HMI

- Operator Friendly
- Expandable cutting data library
- Self diagnose capability



**Rigid Clamping**



**Power Pack with Tank**





ITM  
CS 65

ITM  
CS 100



ITM  
CS 85



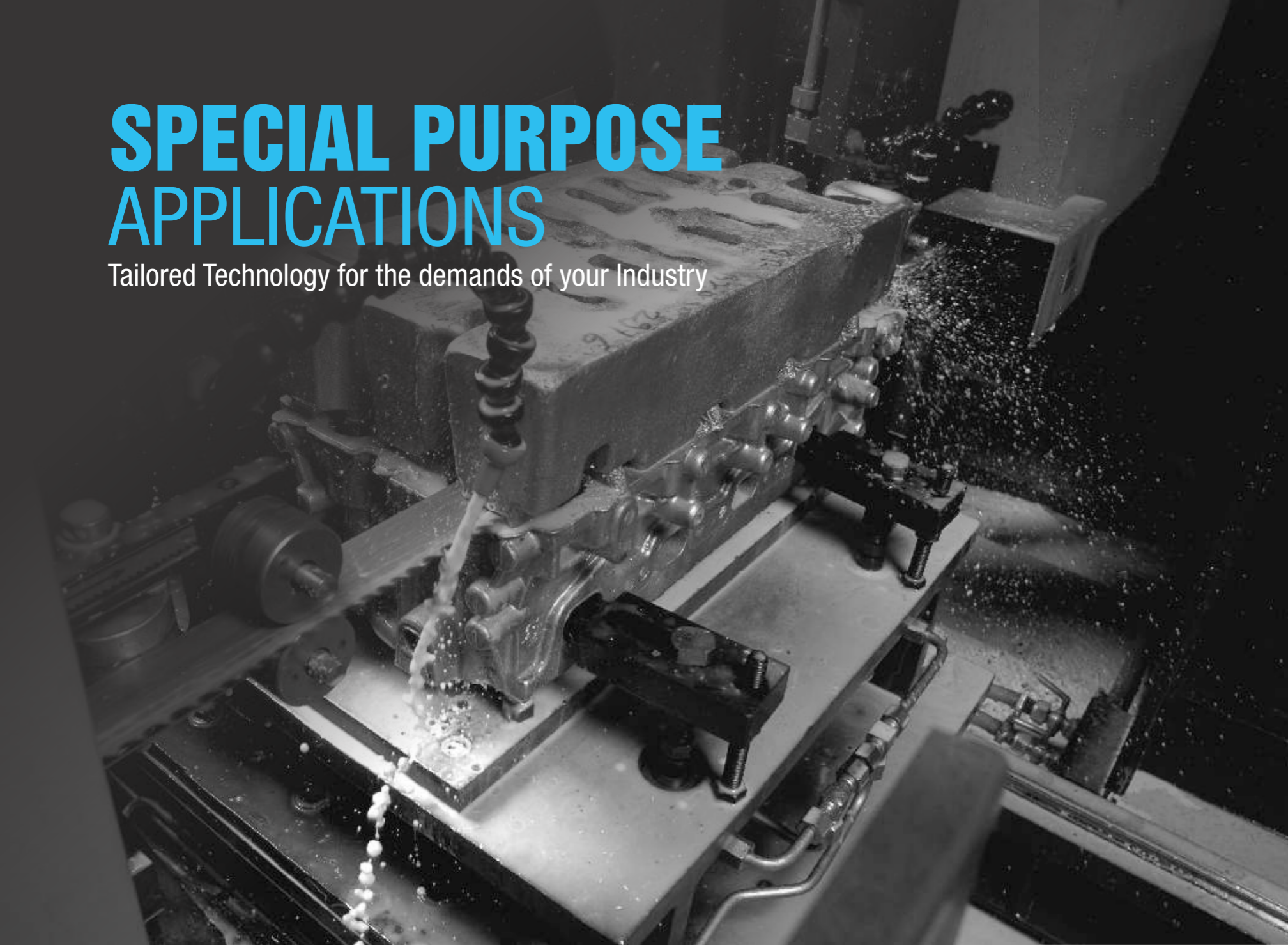
ITM  
CS 130



SPECIFICATION	CS 65	CS 85	CS 100	CS 130	CS 150	
Cutting Capacity [mm]	Round ●	10-65	20-85	20-100	30-130	30-150
	RCS ■	20x20 to 50x50	20x20 to 65x65	20x20 to 75x75	30x30 to 95x95	30x30 to 140x140
Main Motor capacity [HP]	10	15	20	25	30	
Hydraulic Pump Motor [HP]	02	02/03	02/03	03	03	
Blade Speed [mtr/min]	40-160	25-160	40-160	40-160	40-160	
Saw Blade Size [T:Kerf t:Thickness]	Ø250/Ø285	Ø285/Ø315	Ø315/Ø360	Ø460	Ø460/Ø510/Ø530	
Blade Feed	Servo motor & ball screw	Servo motor & ball screw	Servo motor & ball screw	Servo motor & ball screw	Servo motor & ball screw	
Loading Tablw [WxL][mm]	1000x6000	1000x6000	1000x6000	1000x6000	1000x6000	
Bar feed	Servo motor & ball screw	Servo motor & ball screw	Servo motor & ball screw	Servo motor & ball screw	Servo motor & ball screw	
Automatic Feed Length	Single Feed 900mm Max. Multiple Feed-Possible	Single Feed 900mm Max. Multiple Feed-Possible	Single Feed 900mm Max. Multiple Feed-Possible	Single Feed 900mm Max. Multiple Feed-Possible	Single Feed 900mm Max. Multiple Feed-Possible	
Automatic Chip Conveyor	Screw Type	Screw Type	Screw Type	Screw Type	Screw Type	
Cooling	Air Compressed Oil Mist	Air Compressed Oil Mist	Air Compressed Oil Mist	Air Compressed Oil Mist	Air Compressed Oil Mist	
Machine Weight with Table	3200Kg	4200Kg	5400Kg	7000Kg	7500Kg	
Floor Space [mm]	without Autoloader	2100x1850x1800 [LxWxH]	2500x2300x1850 [LxWxH]	2600x2300x1850 [LxWxH]	2500x2650x2190 [LxWxH]	2750x2800x2190 [LxWxH]
	with Autoloader	8200x1850x1800 [LxWxH]	8600x2300x1850 [LxWxH]	8200x2300x1850 [LxWxH]	8500x2650x2190 [LxWxH]	8500x2800x2190 [LxWxH]

# SPECIAL PURPOSE APPLICATIONS

Tailored Technology for the demands of your Industry



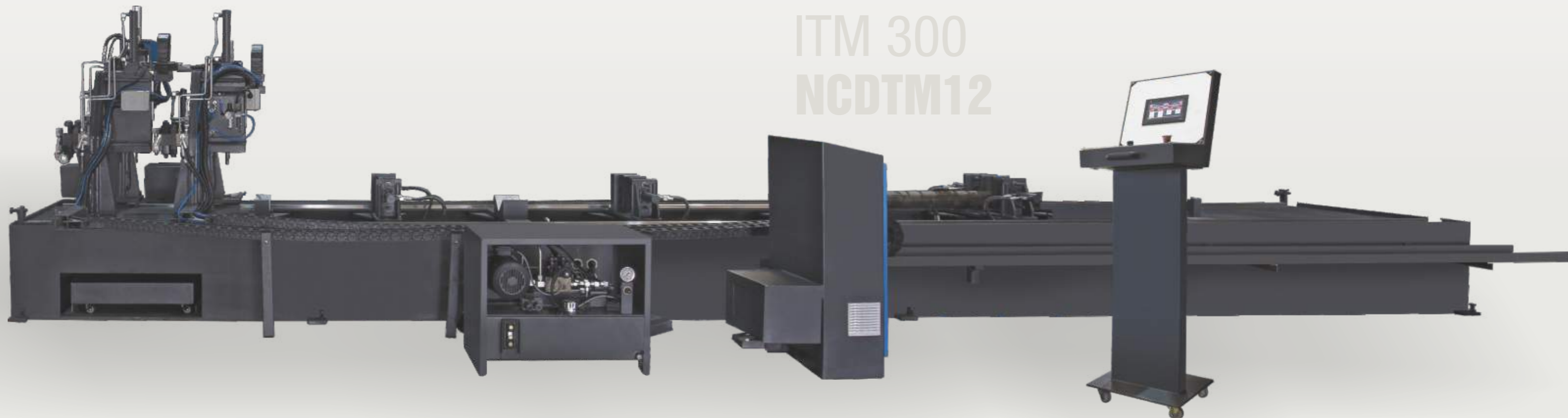
Solving complex problems through the application of **PROVEN ENGINEERING CAPABILITY**

## FROM THE CONCEPT TO COMPLETION

From feasibility assessment, through to conceptual and detail design, development and implementation, INDOTECH can provide innovative solutions to problems, using a wide range of purpose built machines and mechanisms.

With in-house machining and testing facilities, INDOTECH can provide a rapid response for developing equipment to meet the customer's emergent problems. Supported by experienced onsite workers, the team can implement the techniques developed whatever the project size.

A well developed process linking concept design through to implementation allows the designer to be the machine builder and developer, and then the on-site machine operator. High performance quality equipment is assured with particular emphasis on ease of installation, operation and maintenance. So throughout the contract life-cycle the customer can rely on a single technical point of contact with an in-depth knowledge and expertise covering the whole project.



ITM 300  
NCDTM12

# 460 SPM (SERVO)

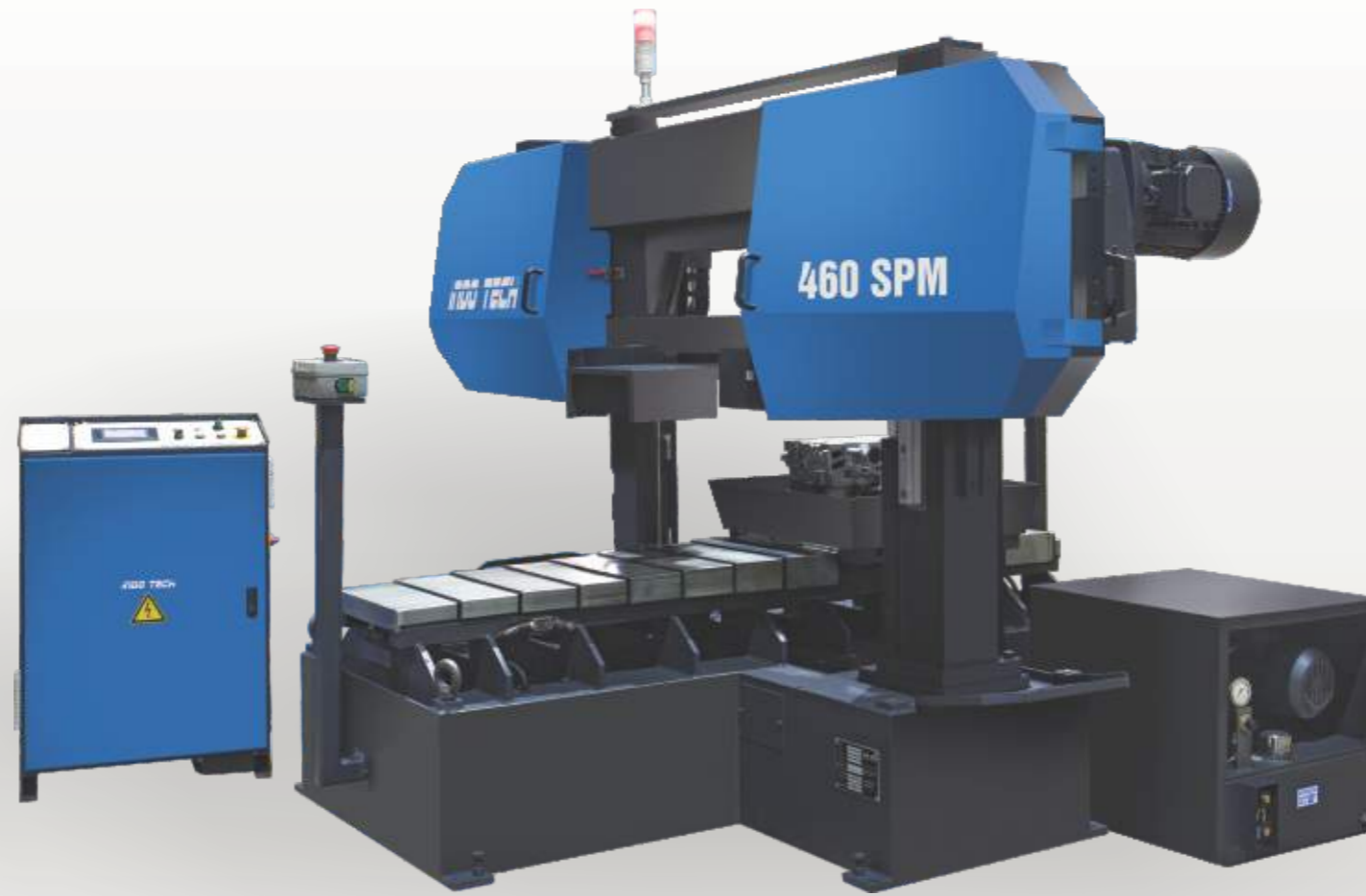
Special Purpose Automatic Aluminium Cylinder Head / Riser Cutting Machine with Hydraulic Fixture & Servo Indexing



Specially designed Hydraulically operated Multi-point Clamping Fixture.



Work Table auto feed thru Precision Ball Screw and Servo Drive.

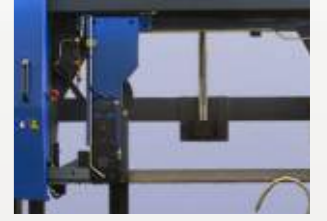


# ITM 725 LMGS (PRO)

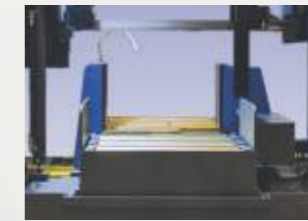
Specially Designed Semi-automatic Bandsaw with Precision Ball Screw & Servo Drive for Arm Feed



Cutting Arm Feed thru Precision Ball Screw & Servo.



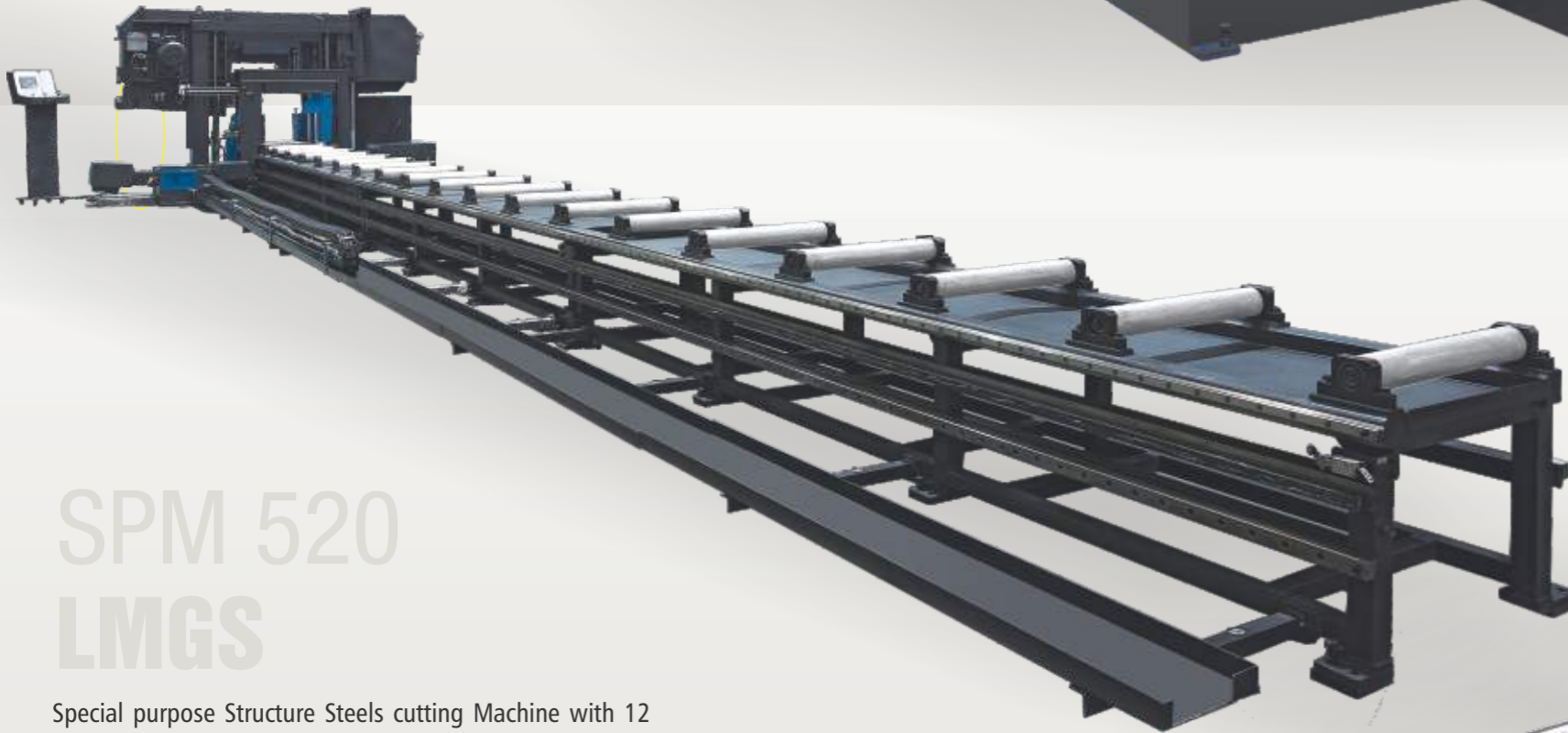
Blade Deflection Control sensor.



In-built in-feed & out-feed Roller supports alongwith the work table for proper resting of the heavy & long jobs.



Heavy Duty Dovetail type Movable & Auto-adjustable Blade Guide, coupled with Moving Vice.



# SPM 520 LMGS

Special purpose Structure Steels cutting Machine with 12 mtrs. Roller Table & Motorised Pusher for Auto-indexing.



Specially designed CANT Angle for Blade to Cut Structure Steels.



Shuttle Vice indexing with the help of SERVO Geared Motor & Encoder on Rack & Pinion arrangement.



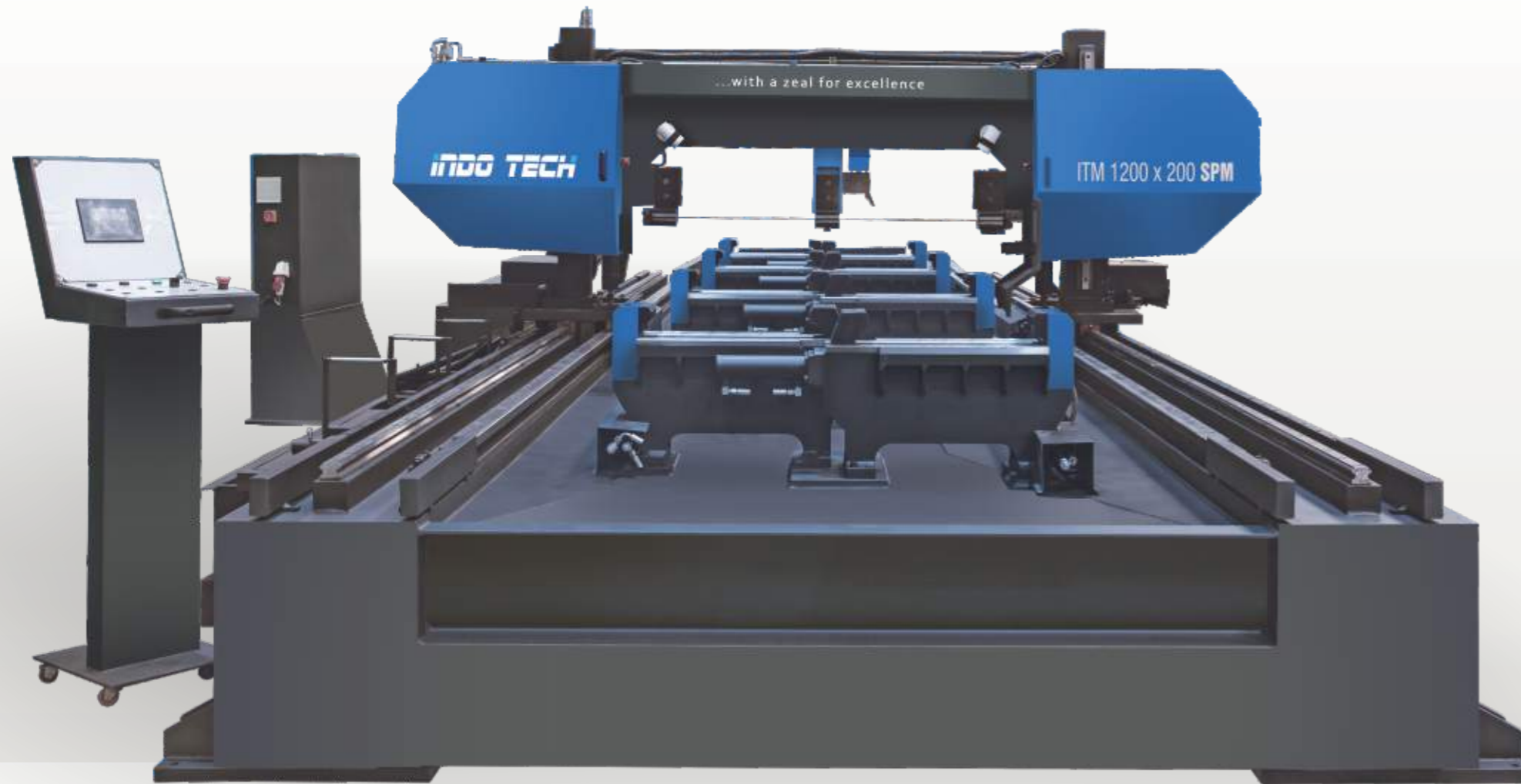
Hydraulic Clamping & Indexing Shuttle vice on 12 mtrs. long Roller Table on Linear Motion Guides



Rotary Encoder for digital display of Hydraulic Feed.



# ITM 1200 x 200 SPM



Special Purpose Heavy Duty Automatic Rail Cutting Machine with Cutting Arm travel of 6 to 12 mtrs.



Cutting Head Travel of 12mtrs. length on pre-hardened LMG.



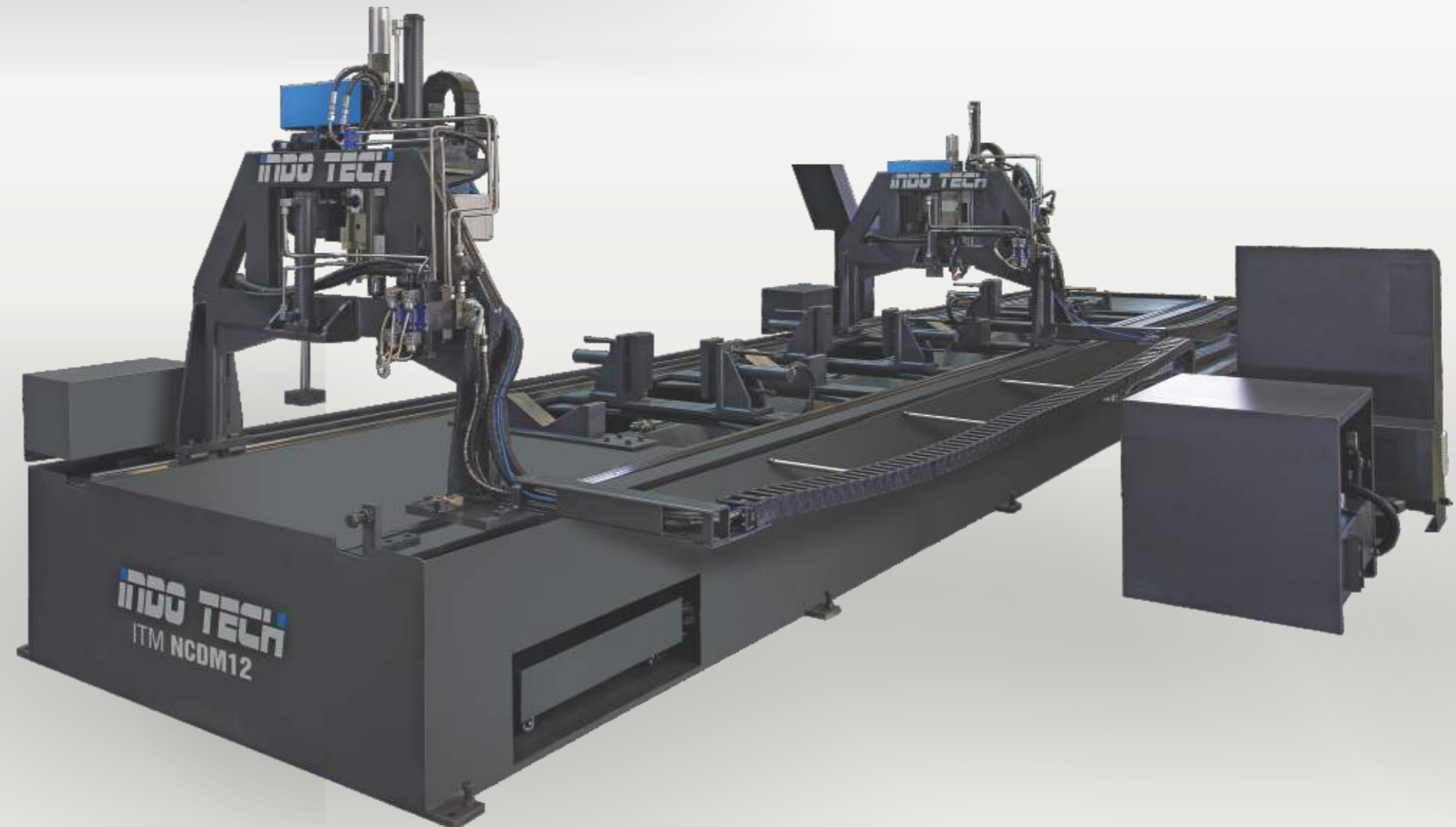
Cutting Arm Feed thru Hi-End Servo System & Feed Back thru Rack & Pinion.



Specially designed Hydraulic Clamping fixture.

# ITM NCDM12

Special Purpose NC Fully-automatic Gantry type Dual Head Drilling & Tapping Machine for Pipes / Structure Steels.



Dual Cutting Heads for independent Drilling & Tapping spindles.



Indexing of Heads thru Servo Motor coupled with the Gear Box.



Multiple Fixed Hydraulic Clamping vices with V-block resting.



# ITM 360 LMGA (E)

Fully Enclosed CNC Fully-automatic Bandsaw Machine with Precision Ball Screw & Servo Drive for Arm Feeding/Job Indexing.



Cutting Arm Feed thru Precision Ball Screw & Servo Drive.



Length setting through Digital Linear Scale along with.



Auto-adjustable Blade Guide.

# SPM 460 V (SERVO)

Specially Designed Automatic Cylinder Head Cutting Vertical Machine with Dual Work Tables for High Productivity & minimal cycle time.



Dual Work tables with Hydraulic fixtures.



Table indexing with the help of a precision Ball Screw and Servo drive arrangement



Specially designed Hydraulic fixture with 90° tilt facility.



# CSM 170

Fully Automatic Numeric Control, High Speed Pipe cutting Circular Saw Machine with specially designed multi-purpose Auto-loader for Round/Pipe/Flats/Structure Steels etc.



Specially designed Chain type motorised Autoloader (for Round/Rectangle/Square)



High performance saw gearing unit on LM Guides.



Saw feed thru highly precise Servo Drive System with 7.7 inches Touch Screen.

Motorised Outfeed Roller Conveyor of 5 mtr. Length, with automatic side-wise discharge.

OUR PARTNERS

## ELEMENTS OF OUR SUCCESS.

We've been in business for more than half a century and the entrepreneurial outlook and diverse experience of our seasoned professionals enable us to directly relate to them and the daily challenges they face. We know your business means everything.

The solutions we provide cover the entire range of infrastructure and software services. Our largest clients operate in several industries and drive the breadth of our industry experience. Our expansion into new industries has resulted from our past successes and the desire of our clients to replicate that success as they move between operations in different industries.

**The Value we place on listening to our customer is one of the strongest drivers of our growth.**



### Automobile & Auto Ancillaries

Tata Motors  
Force Motors  
Maruti Suzuki  
AVTEC  
Hero Motors  
Royal Enfield  
Tata Marcopolo  
Caterpillar  
TVS  
Ashok Leyland  
Mahindra  
BAJAJ Auto  
Nemak  
Suzuki  
Jaya Hind Montupet

### Steel Plants & Steel Services Centers

JSW  
PCK Buderus  
SAIL  
Mold Masters  
Hitachi  
Tata Steel  
Aarti steels  
USBCO  
Jindal Saw  
Welspun Industries  
Maharashtra Seamless  
Girdharilal & Sons  
Arihant Metals  
Multiple Special Steel  
Jindal Aluminum  
Vedanta - Sterlite

### Government & Defence Organisations

BHEL  
HAL  
HMT  
Indian Railways  
BARC  
ISRO  
Midhani  
GCF Jabalpur  
Indian Navy  
NSTL Vishakhapatnam  
Ordinance Factory, Kanpur  
Ordinance Factory, Bhusawal  
Rifle Factory Ishapore  
DMRL Hyderabad

### Non Ferrous Applications

Hindalco  
Jindal Aluminum  
Vedanta Sterlite  
INAC Brass

### Engineering

CUMMINS  
Tata Hitachi  
Elecon  
L&T  
Caparo  
Thermax  
Wheels India Limited  
Danieli  
Plasser India  
Mersen India  
Precision Automobiles & Robotics (PARI)  
Plansee India  
Perkins  
Mahindra Aerospace  
HEG Limited

### Forging

Amtek  
ARCVAC  
Kalyani Forge  
Bay Forge  
Vinir Engineering  
Bharat Forge  
Sindhur Forge  
Sadhu Forge  
GS Alloy Industries  
Ludhiana Rolling Mill  
EMSON Gear  
Jai Parvati Forging  
Goel Forgings  
USK Export

### Constructions & Heavy Engineering

Nikitha Build-tech  
AKE Infrastructure  
Delkor Technique  
Meta Engitech  
RAMA TMT  
HYT Engineering Company  
Zamil Steel Buildings  
Gandhi Automation  
Prasham Construction & Engg  
COSMOS

### Refineries

Bharat Petroleum  
CPCL  
Reliance Industries  
IOCL