



NEXT GEN TECH MACHINES

WITH OUR TOP NOTCH BRANDS



HAPPY CUSTOMERS
HAPPY LSK ians

- VMC
- Turning Center
- Drill Tap Center
- 5 Axis VMC
- VTL
- HMC
- Wenzel - CMM
- Laser Cutting
- Laser Marking
- Gear Grinding
- Cutting Tools
- Robotics
- Industrial Automation
- Turn Key Projects
- Circular Saw Cutting Machine
- UV Printing Machine

“ LSK Machine Tools
Will Lead To A
Future Of Technology
In Which Dreams
Come True ”

Specializing in CNC Machines, Accessories,
And Turnkey Solutions

The Heart of Us

LSK Machine Tools is a trusted name with 7+ Years in South India's CNC industry, offering high performance machine tools backed by unmatched service and technical expertise. With partnerships across Domestic and globally renowned brands, we serve manufacturing leaders in automotive, aerospace, tooling, and general engineering.



Our Mission



To deliver advanced, reliable, and efficient CNC machining solutions that empower our clients to achieve operational excellence.

Our Vision



To be the preferred CNC technology partner in South India recognized for innovation, reliability, and unwavering customer support—driving manufacturing excellence across every industry we serve.

Happy Clients



Best Entrepreneur Award From Rathinam Institute



Recognized By Tn Government For Our Esteemed Customer For The Aabcs Scheme Subsidy Approved



Editor Choice Award To Mr. Kevin Lawrence

WHY LSK?



OVER A DECADE OF 7+ YEARS EXPERIENCE



PAN-SOUTH INDIA SERVICE NETWORK



DELIVERING FROM FINANCIAL AID TO SUBSIDY CLAIMS



PROVEN CUSTOMER SATISFACTION AND RETENTION

INDUSTRIES WE PROVED



General Engineering



Medical



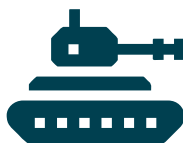
Agri & Earth Movers



Oil And Gas



Pump And Valve



Defence



Aerospace



Automobile



ART 135



ART 200+



ART 200 S+



ART 250+



ART 350S+



ART 550+



ART 700+



ART 1000+

STANDARD FEATURES

- FANUC/Mitsubishi/Siemens/Delta Controller
- L. M. Guideways.
- Auto Coolant System.
- Centralised Lubrication System.
- High Performance Digital Motor.
- Gang Tooling.
- TPM Friendly Machines.
- Pre Stretching of Ball Screws.
- Hardened & Ground Ball Screws.
- Direct Coupled Servo Motor.
- Absolute Encoder for All Axis.
- Hydraulic Clamping

SPECIFICATIONS	UNIT	ART 135	ARTIS 165+	ART 200+	ART 200S+	NAVYUG	TWIN G-165
BED TYPE		True Slant Bed 34°	True Slant Bed 34°	True Slant Bed 45°	True Slant Bed 45°	True Slant Bed 45°	True Slant Bed 45°
MAX. SWING DIA OVER BED	MM	380	400	450	450	400	450
MAX. SWING DIA OVER CARRIAGE	MM	120	200	140	140	135	140
CHUCK SIZE	MM	135	165	165	200	165	165
MAX. TURNING DIA	MM	135	200	150	180	150	140
MAX. TURNING LENGTH WITH	MM	100	220	150	150	160	160
MAX. TURNING LENGTH BTW. CENTRE	MM	----	300	----	----	----	----
SLIDES		----	----	----	----	----	----
X-Axis TRAVEL/Z-Axis TRAVEL	MM	250/135	150/250	420/210	420/200	420/250	400/470
RAPID	M/MI	25	25	25	25	25	25
BALL SCREW	MM	25x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 class	25x10 c3 class	32x10 c3 class
X/Z LM GUIDEWAYS	MM	Ball Type	Ball Type	Ball Type	Ball Type	Ball Type	Ball Type
MAIN SPINDLE		Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type
SPINDLE MOTOR POWER	KW	3.7/5.5	3.7/5.5	5.5/7.5	5.5/7.5	5.5/7.5	5.5/7.5
SPINDLE BORE/DRAW BAR CAPACITY	MM	38/26	41/30	41/30	50/40	41/30	41/30
SPINDLE NOSE	ISO	A 2-4	A 2-5	A 2-5	A 2-6	A 2-5	A 2-5
SPINDLE SPEED RANGE	RPM	100-3500	50-3500	50-3500	50-3500	50-3500	100-3500
FULL POWER AVAILABILITY	RPM	1070 RPM Onwards	1070 RPM Onwards	1070 RPM Onwards	1070 RPM Onwards	1070 RPM Onwards	1070 RPM Onwards
TOOLING TYPE		Linear/Gang Type	CLT 63 (hyd.)	Linear/Gang Type	Linear/Gang Type	Linear/Gang Type	Linear/Gang Type
NO. OF TOOLS	NOS.	1-4	8	1-6 (Depending upon job)	1-6 (Depending upon job)	1-6 (Depending upon job)	1-10 (Depending upon job)
MAX BORING BAR CAPACITY / TOOL ANK	MM	32/25X25	40/25X25	32/25X25	32/25X25	32/25X25	32/25X25
TAIL STOCK		----	Mt4	----	----	----	----
QUILL DIA/QUILL STROKE	MM	----	70/80	----	----	----	----
QUILL BODY MOVEMENT	MM	----	250	----	----	----	----
ACCURACY		----	----	----	----	----	----
POSITIONING ACCURACY	MM	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007
REPEATABILITY	MM	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
MACHINE WEIGHT (APPROX)	KG	2050	2900	2500	2700	2200	4000
MACHINE DIMENSIONS (LXWXH)	MM	1900x1510x1720	1900x1510x1720	1900x1350x1750	1900x1350x1750	1900x1350x1750	2630x1735x2040



ART 1200



ART 1500



ART 700S+



ART 550+TM

TURN MILL



ART 700+TM



ART 1000+TM

OPTIONAL FEATURES

- Chip Conveyor.
- Extra High Power Spindle Motors.
- Bar Feeder
- Tooling Solution.
- Extra Large Bore Spindle.
- Panel AC.

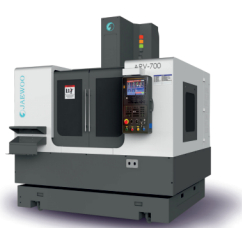
TWIN G-200	TWIN G-200+	ART 250+	ART 350S+	ART 550+	ART 700+	ART 700+ S+	ART 1000+	ART 1200	ART 1500
True Slant Bed 45°	True Slant Bed 45°	True Slant Bed 34°	True Slant Bed 34°	True Slant Bed 34°	True Slant Bed 34°	True Slant Bed 30°	True Slant Bed 30°	True Slant Bed 30°	True Slant Bed 30°
450	400	400	400	560	560	630	630	630	700
140	145	200	200	240	240	300	300	300	400
200	200	165	200	200	200	250/300	300	400	400
180	150	200	300	350	400	550	550	550	620
160	160	220	325	525	675	675	975	1200	1475
----	----	300	375	575	725	725	1025	1275	1525
----	----	----	----	----	----	----	----	----	----
400/450	800/960	150/250	180/350	250/550	250/700	300/725	300/1025	320/1225	325/1550
25	25	25	25	25	20	25	20	20	20
32x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 class	32x40 c3 Class	40x10 c3 Class	40x10 c3 Class	40x10 c3 Class
Ball Type	Ball Type	Ball Type	Ball Type	Roller Type	Roller Type	Roller Type	Roller Type	Roller Type	Roller Type
Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type
5.5/7.5	5.5/7.5	3.7/5.5	5.5/7.5	7.5/11	7.5/11	11/15	11/15	11/15	15/18.5
52/40	51/40	41/30	50/40	63/50	66/50	86/75	85/75	85/75	85/75
A 2-6	A 2-6	A 2-5	A 2-6	A 2-6	A 2-6	A 2-8	A 2-8	A 2-8	A 2-8
100-3500	100-3500	50-3500	50-3000	50-2500	50-2500	50-2500	50-2500	50-2000	50-2000
1070 RPM Onwards	1070 RPM Onwards	1070 RPM Onwards	1070 RPM Onwards	625 RPM Onwards	625 RPM Onwards	625 RPM Onwards	416 RPM Onwards	416 RPM Onwards	416 RPM Onwards
Linear/Gang Type	Linear/Gang Type	BTP-80	BTP-80	BTP-80/CHT-80	BTP-80	BTP-100	BTP-100	BTP-100	BTP-100
1-6 (Depending upon job)	1-10 (Depending upon job)	8	8	8	8	8	8	8	8
32/25x25	40/25x25	32/ 20x20	40/ 25x25	40/ 25x25	40/ 25x25	50/ 32x32	50/ 32x32	50/ 32x32	50/ 32x32
----	Mt4	Mt4	Mt4	Mt4	Mt4	Mt4	Mt5	Mt5	Mt5
----	----	70/75	60/75	80/110	80/100	100/120	100/120	100/120	100/120
----	----	250	300	500	700	700	1050	1200	1500
----	----	----	----	----	----	----	----	----	----
±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.010
±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
4200	4200	2900	3500	4300	4800	5500	5500	7000	8000
2630x1735x2040	2630x1735x2040	2200x1570x2000	2365x1570x2000	2540x1640x2060	2670x1870x1930	2890x2110x2100	3000x1800x1900	3000x1800x1900	3600x1800x1900



ARV 400



ARV 500



ARV 700



ARV 800



ARV 845

STANDARD FEATURES

- LM Guidway
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High Performance digital motors
- Pre-stretching of Ball Screws
- Heavy Duty Cast Iron Structures
- Absolute Encoder for All axes
- Fast cam driven Arm type ATC
- Fanuc / Siemens / Mitsubishi Controller
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

SPECIFICATIONS	UNIT	DTC 500	ARV 400	ARV 500	ARV 700
AXIS STROKE					
X - Axis	MM	500	400	500	700
Y - Axis	MM	400	300	400	450
Z - Axis	MM	375	350	400	450
Spindle Centre to Column Face	MM	435	425	475	475
Spindle Face to Table top (Min-Max)	MM	100-475	100-450	100-500	100-550
TABLE					
Working Surface	MM	650 X 400	600 x 325	650 x 400	900 x 450
T - Slots (No. x Size x Spacing)	M/MIN	3 X 14 X 125	3 X 14 X 115	3 X 18 X 125	4 x 18 x 100
Max Load on Table	Kg	300	300	300	350
Distance From Floor to Table	MM	925	925	930	965
MAIN SPINDLE					
Spindle Taper	-	BT-30	/	/	/
Spindle Power	MM	3.7 / 5.5 Kw	3.7 / 5.5 Kw	5.5 / 7.5 Kw	5.5 / 7.5 Kw
Spindle Speed	RPM	10,000	8,000	8,000	8,000
Spindle Bearing Dia	MM	50	70	70	70
FULL POWER AVAILABILITY	RPM	1500	1000	1000	1000
FEED					
Rapid	MIN	48 M / MIN	30 M / MIN	30 M / MIN	30 M / MIN
Cutting Feed Rate	-	1 - 10,000	1 - 10,000	1 - 10,000	1 - 10,000
AUTO TOOL CHANGE					
No. of Tools	NOS	21	12	20	20
Tool Selection	-	Random-BiDirectional	Random-BiDirectional	Random-BiDirectional	Random-BiDirectional
Max Tool Dia (All Pockets Full)	MM	105	105	80	80
Max Tool Dia (All Pockets Empty)	MM	130	130	125	125
Max Tool Weight	KG	3	7	8	8
Max Tool Length	MM	200	250	250	250
Tool Change Time	SEC	1.5	5	2.5	2.5
ACCURACIES (As Per ISO 232-2)					
Positioning	MM	0.008	0.008	0.010	0.012
Repeatability	MM	0.006	0.006	0.006	0.007
CONTROL PANEL					
Machine weight	Kg	3500	3000	3500	4000
Machine Dimensions (W x L x H)	MM	1750 x 2550 x 2500	1500 x 2100 x 2500	1875 x 230 x 2600	2000 x 2320 x 2650
Power Requirement	KVA	15	10	10	15
Air Requirement	-	6 kg / sqcm	6 kg / sqcm	6 kg / sqcm	6 kg / sqcm



ARV 1000



ARV 1100



ARV 1300



ARV 1500



ARV 2000

OPTIONAL FEATURES AT EXTRA COST:

Chip Conveyor, Higher RPM Spindle, Coolant Thru Spindle with Hydro cyclone Filtration.
Coolant Gun, Spindle Mounted Probe, 4th axis NC Rotary Table.
4th and 5th axes NC Rotary and Tilting Table, Panel AC.

ARV 800	ARV 845	ARV 1000	ARV 1100	ARV 1300	ARV 1500	ARV 2000
-	-	AXIS STROKE				
800	800	1000	1100	1300	1500	2000
510	450	550	600	700	700	900
510	450	550	600	700	700	900
575	475	575	615	715	715	975
100-610	100-550	100-650	100-700	100-800	100-800	100-1000
TABLE						
1000 x 510	1000 x 450	1200 x 550	1300 x 600	1500 x 700	1500 x 700	2200 x 900
5 x 18 x 100	4 x 18 x 100	5 x 18 x 100	5 x 18 x 100	5 x 18 x 125	5 x 18 x 125	5 x 18 x 150
500	500	600	700	1200	1500	2500
975	965	1020	1020	1100	1100	1150
MAIN SPINDLE						
/	/	/	/	/	/	/
7.5 / 11 Km	7.5 / 11 Km	7.5 / 11 Km	7.5 / 11 Km	11 / 15 Km	11 / 15 Km	11 / 15 Km
8000	8000	8000	8,000	8,000	8,000	8,000
70	70	70	70	70	70	70
1000	1000	1000	1000	1260	1260	1260
30 M/MIN	30 M/MIN	X & Y-30, Z-20 M/MIN	30 M / MIN	20 M / MIN	20 M / MIN	X & Y-20, Z-15 M/MIN
1 - 10,000	1 - 10,000	1 - 10,000	1 - 10,000	1 - 10,000	1 - 10,000	1 - 10,000
AUTO TOOL CHANGE						
20	20	20	20	24	24	24
Random-BiDirectional	Random-BiDirectional	Random-BiDirectional	Random-BiDirectional	Random-BiDirectional	Random-BiDirectional	Random-BiDirectional
80	80	80	80	80	80	80
125	125	125	125	125	125	125
8	8	8	8	8	8	8
250	250	250	250	250	250	250
2.5	2.5	2.5	2.5	3	3	3
ACCURACIES (As Per ISO 232-2)						
0.012	0.012	0.016	0.016	0.018	0.020	0.020
0.008	0.008	0.009	0.009	0.010	0.012	0.012
CONTROL PANEL						
5000	5000	6000	7000	8500	9000	15000
2100 x 3200 x 2850	2100 x 2500 x 2650	2720 x 3300 x 3000	2950 x 3300 x 3000	3300 x 3650 x 3200	3530 x 3650 x 3200	5000 x 3550 x 3200
15	15	15	20	25	25	35
6 kg / sqcm	6 kg / sqcm	6 kg / sqcm	6 kg / sqcm	6 kg / sqcm	6 kg / sqcm	6 kg / sqcm



CNC Turning Center

KIT Series | KIT-G Series | E160 Series | SE Series | HD Series | L300 Series | L4000 Series
L5100L Series | L600/700/800 Series | SE2200Y Series | SE2600Y Series | HD-Y Series
L-Y Series | L5100LY | KL7000/8000LY | LV Series | LV1400/2000 | LM-TT Series | XM Series
LF-II Series | L-AW Series

Vertical Machining Center

i-CUT Series | KF4/5/6 Series | KF-B II Series | KF-D Series | KF7600L | KF-2SP Series
KF5600M/6700M | F960B | KF-5A Series | XF Series

Horizontal Machining Center

KH50G | KH1000 | KH6300/8000 | HS4000 II/5000 II | HS6300 II/8000 II | HS10000

Boring Machine

KBN1300C/1600C | KBR1300C/1600C

HYUNDAI
WIA





HORIZONTAL MACHINING CENTER

KH50G | KH1000

- 2 step gear on main spindle for heavy duty cutting
- Standard Oil Cooling system for high precision
- Shuttle type APC
- Box guides on all axis for ultra-rigidity
- Air semi-rising slideway on Z-axis
- Y-axis box guideways with 8 face contact for heavy machining capability

KH6300/8000

- High Rigidity Box-type & Step Type Bed Structure
- 2 step gear on main spindle for heavy duty cutting
- Spindle Oil Cooling device for high accuracy
- Rotary Type APC Applied (APC Change Time 12sec)
- Box guideways on all axis for ultra-rigidity
- X/Y/Z Axis Rapid Traverse Rate : 30m/min



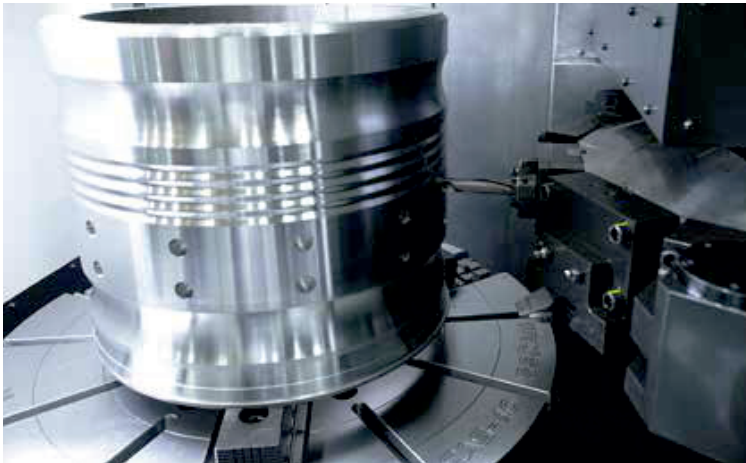
Horizontal Machining Center Boring Machine Global Network

KH6300/8000			
MODEL	KH6300		KH8000
Pallet Size	mm(in) 2-630*630 (2-24.8*24.8)		2-800*800 (2-31.5*31.5)
Max. Load Capacity	kg(lb) 2-1,200 (2-2,645) [0,000* : 2-1,000 (2-2,205)]B8T50		2-2,000 (4,409)B8T50
Sp. Taper	-		6,000 [8,000]
Sp. Speed	r/min 45 [35] [60 [47]]		45 [35] [60 [47]]
Sp. Power (Max)	kW(HP) 60 [90/120/150] [Matrix: 240]		60 [90/120/150] [Matrix: 240]
No. of Tools	EA 1,050/850/1,000		1,400/1,050/1,200
Travel (X/Y/Z)	mm(in) (41.3/33.5/39.4)		(55.1/41.3/47.2)
Rapid Traverse Rate	m/min 30/30/30		24/24/24

KH50G			
MODEL	KH50G		
Pallet Size	mm(in) 2-900*500 (2-39.4*19.7)		
Max. Load Capacity	kg(lb) 2-3,000 (2-6,614)B8T50		
Sp. Taper	-		
Sp. Speed	r/min 4,500 [4,500] [8,000] [8,000]		
Sp. Power (Max)	kW(HP) 18.5 [22] [18.5] [22] [25 [29.5] [25] [29.5]]		
No. of Tools	EA 40 [60, 90, 120]		
Travel (X/Y/Z)	mm(in) 780/705/650 (29.9/27.8/25.6)		
Rapid Traverse Rate	m/min 20/20/20		

KH1000			
MODEL	KH1000		
Pallet Size	mm(in) 2-1,000*1,000 (2-39.4*39.4)		
Max. Load Capacity	kg(lb) 2-3,000 (2-6,614)B8T50		
Sp. Taper	-		
Sp. Speed	r/min 25 [26] [26] [30] [35 [35] [35] [40]]		
Sp. Power (Max)	kW(HP) 60 [90, 120]		
No. of Tools	EA 2,100/1,350/1,400		
Travel (X/Y/Z)	mm(in) (82.7/53.1/55.1)		
Rapid Traverse Rate	m/min 20/20/20		





LV Series

- Stable spindle structure with excellent heavy duty cutting ability
- 2 step chuck pressure mechanism to minimize workpiece deformation
- Various peripheral equipment can be used for optimized machining
- Designed for optimal chip disposal
- "Right" and "Left" structure for practical automation solutions

LV1400 | LV2000MM

- Strengthened heavy duty cutting ability with 2 step gear driven spindle (Table)
- Main spindle with cross roller bearings and box guideway for high rigidity
- Rigid table structure for processing heavy loads
- 3 step hydraulic cylinder type crossrail (LV2000MM)
- Various Machining : Turning, tapping, milling, grinding etc. (LV2000MM)
- Linear scale on all axis as standard (LV2000MM)

LV Series			
MODEL		LV4500 Series	LV500 Series
Max. Swing	mm(in)	Ø620 (Ø24.4")	Ø760 (29.9")
Max. Turning Dia.	mm(in)	Ø465 (Ø18.3")	Ø550 (21.7")
Max. Turning Length	inch	465 (18.3")	600 (23.6")
Chuck Size	mm(in)	12 [18"]	15[18"]
Sp. Speed	r/min	3,000 [2,700]	2,000 [2,000] [2,000]
Sp. Power (Max.)	kw(HP)	26 [35] [37 [45]]	26 [30] [30] [35 [40] [40]]
Travel (X/Z)	mm(in)	320/495 (12.6"/19.5")	325/625 (12.8"/24.6")
No. of Tools	EA	12 / "M" type : 12 (BMT65)	8 [12] / "M" type : 12 (BMT75)

MODEL		LV8500 Series	LV1100 Series
Max. Swing	mm(in)	Ø890 (Ø35")	Ø1,355 (Ø53.3")
Max. Turning Dia.	mm(in)	Ø850 (Ø33.5")	Ø1,160 (Ø45.7")
Max. Turning Length	inch	800 (31.5")	1,000 (39.4")
Chuck Size	mm(in)	18" [21"] [24"]	32 [40"]
Sp. Speed	r/min	2,000 [1,940] [1,760]	800 [630]
Sp. Power (Max.)	kw(HP)	Be1 : 37 (50) [gear : 45 (60)]	65 [65] [67 [67]]
Travel (X/Z)	mm(in)	465/800 (18.3"/31.5")	620/1,000 (24.4"/39.4")
No. of Tools	EA	12 / "M" type : 12 (BMT65)	12 / "M" type : 12 (BMT85)

LV 4500/8500 Series

Automation System Vertical Turning Center

- "Right" and "Left" structure for practical automation construction
- Stable spindle structure with excellent heavy duty cutting ability
- 2 step chuck pressure mechanism adopted to minimize workpiece deformation (Opt.)
- High rigidity BMT turret
- Designed for optimal chip disposal



LV1400 LV2000MM			
MODEL		LV1400	LV2000MM
Max. Turning Dia.	mm(in)	Ø1,400 (55.1")	Ø2,000 (78.7")
Max. Turning height	mm(in)	850 (33.5")	1,700 (66.9")
Table Size	mm(in)	Ø1,000 (39.4")	Ø1,600 (63")
Max. Load Capacity	kg(lb)	4,400 (9,700)	10,000 (22,046)
Sp. Speed	r/min	492	258 [258]
Sp. Power (Max.)	kw(HP)	37 (50)	37 [45] [50 [60]]
Ram Size	mm(in)	200×200 (7.9"×7.9")	Turning : 240×240 (9.4"×9.4") / Milling : BT50
Travel (X/Z)	mm(in)	-50~+825 (-2"~+32.5")/800 (31.5")	-250~+1,180 (-9.8~+46.5")/915 (36")

Technical Leader

The CNC Turning Center LV1400/2000 Series, designed by WIA machine tools with years of expertise and the latest technology, is designed to maximize productivity for machining large work.

		LV1400	LV2000MM
Max. Swing	mm(in)	Ø1,450 (57.1")	Ø2,040 (80.3")
Max. Turning Dia.	mm(in)	Ø1,400 (55.1")	Ø2,000 (78.7")
Max. Turning Height	mm(in)	850 (33.5")	950 (37.4")/1,700 (66.9")
Table Size	mm(in)	Ø1,000 (39.4")	Ø1,600 (63")
Max. Load Capacity	kg(lb)	4,400 (9,700)	10,000 (22,046)
Spindle Speed	r/min	492	258
Spindle Power	kw(HP)	37/30 (50/40)	37/30 (50/40) [45/37 (60/50)]
Ram Size	mm(in)	200×200 (7.9"×7.9")	240×240 (9.4"×9.4")
Travel (X/Z)	mm(in)	-50~+825 (-2"~+32.5")/800 (31.5")	-250~+1,180 (-9.8~+46.5")/915 (36")



Impression That Latest

Complete Laser Cutting & Engraving Solution



DOT PEEN MARKING
...features
SAFE FAST ECONOMICAL
RELIABLE COMPACT

SCAN QR CODE
To Check Video Solution

Model: **Markus-x**
Model: **Markus**
Model: **iRex / Flymark**
(Robot Integrated)

SPECIFICATIONS

MODEL	Markus	FlyMark	iRex
MARKING AREA (MM)	100*100/150*150	100*50/100*150	40*50/100*50
CONTROLLER TYPE	7/10" Touch Based	7/10" Touch Based	7/10" Touch Based
MARKING SPEED	2-3 Alpha Numeric/Sec	2-3 Alpha Numeric/Sec	2-3 Alpha Numeric/Sec
INDENTING TYPE	Pneumatic/Electric	Pneumatic/Electric	Pneumatic

A P P L I C A T I O N S



FIBER LASER MARK

Fiber laser marking refers to the process of leaving an impression on items using a fiber laser beam of light. The marking machine extracts concentrated energy from light and uses it as the laser beam. The light is passed through an L-theta lens, which is designed to maintain its focus on the whole plain as opposed to just one spot and the concentrated laser beam leaves distinct marks when passed over a material's surface.

Model: **ALPHA-F**

SCAN QR CODE
To Check Video Solution

SPECIFICATIONS

MODEL	Alpha F-20	Alpha F-30	Alpha F-50
LASER POWER (Watt)	30	30	30
LASER CLASS/WAVE LENGTH/TYPE	IV/1064/Q Switched/Mopa		
MARKING SPEED (mm/sec)	12000		
MARKING AREA (mm)	100*100, 180 180, 225*225, 300*300		
Z TRAVEL (mm)	550/1000 (MANUAL/AUTO OPTIONAL)		
COOLING TYPE	AIR COOLED		
ELECTRICAL REQUIREMENTS	L/N/PE/230 VAC, 50/60 Hz		
POWER CONSUMPTION (Watt)	400-500		
OVERALL DIMENSIONS (L*W*H) (mm)	750*750*1340		
WEIGHT (kg)	150		
COMMUNICATION PROTOCOLS	ETHERNET/RS 232/USB		

A P P L I C A T I O N S



FIBER LASER MARK

With the ALPHA-X Series, infused offers a modular platform consisting full safety features needed for Modern Industries. Alpha-X is designed to withstand harsh Assembly/manufacturing line environments designed to full fill requirements of backward or forward integration of line.

Model: **ALPHA-X**

SCAN QR CODE
To Check Video Solution

SAFETY ENCLOSURE-INBUILT SCANNER
COMPACT DESIGN COST EFFICIENT

SPECIFICATIONS

MODEL	Alpha x-20	Alpha x-30	Alpha x-50	Alpha x-100
LASER POWER (Watt)	30	30	30	30
LASER CLASS/WAVE LENGTH/TYPE	IV/1064/Q Switched/Mopa			
MARKING SPEED (mm/sec)	12000			
MARKING AREA (mm)	70*70,100*100, 200*200			
Z TRAVEL (mm)	650 (AUTO)			
COOLING TYPE	AIR COOLED			
ELECTRICAL REQUIREMENTS	L/N/PE/230 VAC, 50/60 Hz			
POWER CONSUMPTION (Watt)	850			
OVERALL DIMENSIONS (L*W*H) (mm)	900*890*2150			
WEIGHT (kg)	275			
COMMUNICATION PROTOCOLS	ETHERNET/RS 232/USB			

A P P L I C A T I O N S



CO2 & UV LASER MARK

CO2 laser marking machine uses CO2 gas in a sealed tube as a laser source to mark on organic materials like wood, glass, acrylic etc. This laser system is widely accepted for product identification, serial marking, date stamping etc.

On the other hand, Laser ultraviolet (UV) marking machines are known for their high absorption rates, which enable them to mark various materials with minimal heat damage and excellent contrast, especially on plastic and organic materials.

Model: **ALPHA - C/U**

SCAN QR CODE
To Check Video Solution

SPECIFICATIONS

MODEL	Co2		UV	
	Alpha C-30	Alpha C-60	Alpha U-3	Alpha U-5
LASER POWER (Watt)	30	60	3	5
LASER CLASS/WAVE LENGTH/TYPE	10.6 μm		355 nm	
MARKING SPEED (mm/sec)	7000		7000	
MARKING AREA (mm)	180*180, 250*250		180*180, 250*250	
Z TRAVEL (mm)	550/1000 (MANUAL/AUTO)		550/1000 (MANUAL/AUTO)	
COOLING TYPE	AIR COOLED		WATER COOLED	
ELECTRICAL REQUIREMENTS	L/N/PE/230 VAC, 50/60 Hz		L/N/PE/230 VAC, 50/60 Hz	
POWER CONSUMPTION (Watt)	650		1200	
OVERALL DIMENSIONS (L*W*H) (mm)	760*740*1480		760*740*1480	
WEIGHT (kg)	175		175	
COMMUNICATION PROTOCOLS	ETHERNET/RS 232/USB		ETHERNET/RS 232/USB	

A P P L I C A T I O N S



Impression That Latest

Complete Laser Cutting & Engraving Solution



3D LASER ENGRAVING

3D dynamic focus laser marking machine adopt imported core components, with high-speed, high precision 3D galvo, and with our 3D specified software and control system, it can engrave on any curved workpieces in a fine process, there is no off-focus problem.

It can also adjust focus length any time for deep engraving, which makes process efficiency and marking quality much better than traditional 2D fiber laser marking machine.

30 Dynamic Focus Laser Marking Machine

Model: **FIBER MARK-3D** [SCAN QR CODE](#)  To Check Video Solution

SPECIFICATIONS

MODEL	FIBER 3D MARK-50	FIBER 3D MARK-100
LASER POWER (Watt)	50	100
LASER CLASS/WAVE LENGTH/TYPE	IV/1064/3 Axis	
MARKING SPEED (mm/sec)	14000	
MARKING AREA (mm)	200*200, 300*300	
DYNAMIC FOCUS RANGE (mm)	+35 - 35	
Z TRAVEL (mm)	850 (AUTO)	
COOLING TYPE	AIR COOLED/WATER COOLED (OPTIONAL)	
ELECTRICAL REQUIREMENTS	L/N/PE/230 VAC, 50/60 Hz	
POWER CONSUMPTION (Watt)	1200	
OVERALL DIMENSIONS (L*W*H)	1350*890*2150	
TABLE WEIGHT CAPACITY (kg)	700	
TABLE DIMENSION (mm)	600*600	
WEIGHT (kg)	350	

APPLICATIONS



FIBER LASER CUTTING

LASER CUTTING SOLUTIONS

Model: **ICUT Pro**

Our series of laser cutting machine with highly advanced features & upgradable latest software with optimum cost. Infused machines are upgradable to its next series without changing much of its configurational parts.

SPECIFICATIONS

MODEL	IPRO-1.5	IPRO-2	IPRO-3	IPRO-4
BED SIZE (MM)	1500*3000	1500*3000	1500*3000	1500*3000/2000*4000
LASER POWER (WATT)	1500	2000	3000	4000
ACCELERATION	1.0	1.0	1.0	1.2
STRUCTURE TYPE	FABRICATED (Ipsa/Indusa)	FABRICATED (Ipsa/Indusa)	FABRICATED (Ipsa/Indusa)	FABRICATED (Ipsa/Indusa)
GANTRY TYPE	ALUM. CAST ALLOY	ALUM. CAST ALLOY	ALUM. CAST ALLOY	ALUM. CAST ALLOY
MOTIONS (RACK & PINION)	YYC	YYC	YYC	YYC
LM GUIDES	HIWIN/PMI / THK	HIWIN/PMI/THK	HIWIN/PMI/THK	HIWIN/PMI/THK
GAS CONTROLS	SMC (JAPAN)	SMC (JAPAN)	SMC (JAPAN)	SMC (JAPAN)
GROSS WEIGHT (KG)	3500	3800	4500	4500/6500

ADDED OPTIONS:

- HEAVY DUTY AUTOMATIC EXCHANGE TABLE
- FULLY ENCLOSED STRUCTURE
- AUTOMATIC FUME EXTRACTION



HAND-HELD WELDING

FIBER LASER WELDING SOLUTIONS

The handheld fiber laser welder is a new generation of laser welding equipment, which belongs to non-contact welding. The operation process does not require pressure and its working principle is to directly irradiate a high-energy intensity laser beam on the surface of the material.

Application field of handheld laser welding machine: Mainly for the fixed position of large and medium-sized sheet metal cabinets, chassis, aluminum alloy door and window frames, stainless steel wash basins. It is widely used in kitchen and bathroom industry, home appliance industry, advertising industry, mold industry, stainless steel products industry, stainless steel engineering industry, doors and windows industry, handicraft industry, household goods industry, furniture industry, auto parts industry, etc.

Model: **HHLW**

[SCAN QR CODE](#)  To Check Video Solution

SPECIFICATIONS

MODEL	HHLW-1000	HHLW-2000	HHLW-3000
LASER POWER (Watt)	1000	2000	3000
LASER CLASS/WAVE LENGTH/TYPE	2.5	3.5	4.5
MARKING SPEED (mm/sec)	1080 +/- 5mm		
MARKING AREA (mm)	CW, PWM & QCW		
DYNAMIC FOCUS RANGE (mm)	DOUBLE WOBBLE WELDING HEAD		
Z TRAVEL (mm)	ARGON/NITROGEN		
COOLING TYPE	WATER COOLED (IN-BUILT CHILLER)		
ELECTRICAL REQUIREMENTS	L/N/PE/230 VAC, 50/60 Hz		
POWER CONSUMPTION (Watt)	0.8/1.2/1.4		
OVERALL DIMENSIONS (L*W*H)	760*740*980		
TABLE WEIGHT CAPACITY (kg)	160		

APPLICATIONS

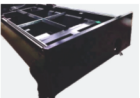


With these power-packed Features:

- #1 DURABLE RACK-AND-PINION MOTION SYSTEM.
- #2 TOP DRAG CHAIN CONCEPT MAKING MACHINE COMPACT AND MORE SAFE.
- #3 HV PROTECTED CONTROL PANEL, WORK IN POOR ELECTRICAL CONDITIONS.
- #4 LIGHT WEIGHT GANTRY WITH SYNCHRONIZED DUAL SERVO MOTORS.
- #5 AUTO FOCUS CUTTING HEAD & DUST PROOF GAS LINE FOR GAS FLOW.
- #6 BACK PANEL WITH CLIMATE CONTROL AC FOR ELECTRONICS.
- #7 WIDEST RANGE OF MODELS AVAILABLE ALONG WITH CUSTOMIZED SOLUTIONS.



AEROSPACE GRADE ALUMINUM GANTRY



HEAVY DUTY PLATE WELDED & HEAT TREATED STRUCTURE

Our machine at customer's site:



SPECIFICATIONS

POWER / MATERIAL	CARBON STEEL	STAINLESS STEEL	BRASS	ALUMINIUM
1 KW	10 mm	4 mm	3 mm	3 mm
1.5 KW	14 mm	6 mm	4 mm	4 mm
2 KW	18 mm	8 mm	5 mm	5 mm
3 KW	20 mm	10 mm	6 mm	6 mm
4 KW	22 mm	12 mm	8 mm	8 mm
6 KW	25 mm	16 mm	10 mm	10 mm

*above data is for reference and is obtained from controlled parameters.

APPLICATIONS





ELECTRIC TAPPING MACHINE

MODEL	TAPPING SIZE	MAX RADIES	SPINDLE SIZE	RPM	WORK	CONTROL	NET WEIGHT
DMT-16	M3-M16	1000	19/31mm	250	VERTICAL OR HORIZONTAL	CNC TOUCH SCREEN	25/32
DMT-20	M5-M20	1100	31mm	250			40
DMT-24	M6-M24	1300/1600	31/48mm	200			48/72
DMT-32	M6-M32	1300/1600	31/48mm	175			52/78
DMT-36	M8-M36	1300/1600	31/48mm	150			58/78
DMT-42	M10-M42	1600	48/60mm	120			110
DMT-48	M14-M48	1600	60mm	100			125
DMT-60	M16-M60	1600	60mm	80			140
DMT-80	M16-M80	1600	80mm	60			175



DRILL RESHARPENING MACHINE

TWIST DRILL - CENTER DRILL

Diameter	Tool Material	Tool Degree	Motor Power	Weight
2-13 (mm) 2-20 (mm)	HSS/ Carbide	90°-140°	415V 3 Phase	32 KG

MILL RESHARPENING M/C

Diameter	Tool Material	Tool Degree	Motor Power	Weight
4-20 (mm)	HSS/ Carbide	0°-3°	415V 3 Phase	28 KG



STRAIGHT EDGE COMPOSITE CHAMFERING MACHINE



CIRCULAR CHAMFERING MACHINE



ARC CHAMFERING MACHINE



STRAIGHT EDGE CHAMFERING MACHINE

OPTIONAL ACCESSORIES



Magnetic Base



Magnetic Alignment



Magnetic Pickup Rod



**T-SLOTTED TABLE
600X800 MM**



C-Spanner



Die Holders

High Performance & High Precision SAW –LUTIONS in metal sawing..



PILLARS OF OUR CIRCULAR CUTTING SAW–LUTIONS :

☑ Graded Cast-Iron Structure

- **FIRST IN INDIA** to provide Graded Cast Iron structure.
- Highly Ribbed **FG-260** grade duly stress relieved.
- Hand Scrapped assembly to ensure Highest Rigidity, Maxi. Vibration Absorption and Long-Lasting Structural Stability.

PRODUCT RANGE :

Standard Features

- FG-260 Graded Cast Iron Structure.
- 4 Channel Recirculating Liner Motion Guideways.
- Precision Ball Screw.
- High Precision Gear box.
- Hydraulic Clamping unit with pressure adj. option (Horizontal & Vertical).
- Environmentally friendly Mist Oil Coolant System.
- Chip Conveyor with Trolley.
- End Piece Separator.

- Hydraulic Oil Cooler
- Absolute Servo Motor Drive.
- Motion Control System.
- Rigid Bar Feeder Unit.
- Auto Lubrication Unit with Low Level Warning.
- Machine Status Indicator.
- Electro-Magnetic Brake.
- Part Counter

Optional features :

- Out Feed Conveyor
- Bundle Loader
- Pusher for Square Bar
- Auto Loading
- Mist Collector

Technical Specifications

MODEL	TA - 80	TA - 90	TA - 110
Capacity - Round Bar	10 - 80 mm	20 - 90 mm	20 - 110 mm
Capacity - Square Bar	10 - 60 mm	20 - 77 mm	20 - 90 mm
Saw Blade Size	285 x 32 x 2.0 mm	315 x 32 x 2.0 mm	360 x 40 x 2.6 mm
Saw Blade Speed Range	50 - 160 RPM	50 - 150 RPM	50 - 150 RPM
Material Length - Single Feed	6 - 700 mm	8 - 700 mm	8 - 700 mm
Material Length - Multi Feed	6 - 6000 mm	8 - 6000 mm	8 - 6000 mm
Remnant Length	65 mm + Cut Length	65 mm + Cut Length	70 mm + Cut Length
Cutter Motor Power	9.3 KW	11 KW	11 KW
Hydraulic Tank Capacity	80 ltr.	80 ltr.	80 ltr.
Gross Weight (with loader)	3500 kg.	3700 kg.	3800 kg.
Control System Type	Motion Control	Motion Control	Motion Control
Power Supply	3 Ph. 415 V AC	3 Ph. 415 V AC	3 Ph. 415 V AC

UV Printing Machines



Model:
XIS Aurous AI 1612
(Digital UV Printers)



Model:
XIS Nexus 600 N
(DTF Printers in India)



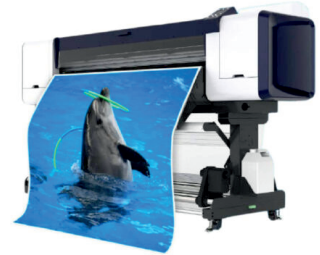
Model:
XIS Fusion U 60+
(UV DTF Printers)



Model:
XIS Arcjet 360
(UV Bottle Printing Machine)



Model:
XIS Digi Craft 300
(Digital Carton Box Printer)



Model:
XIS Flash-Jet U 3200
(UV Roll To Roll Printer)

TOP NOTCH BRANDS



OUR PRESENCE



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LSK MACHINE TOOLS

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Unit 1

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Samanpalli Village,
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