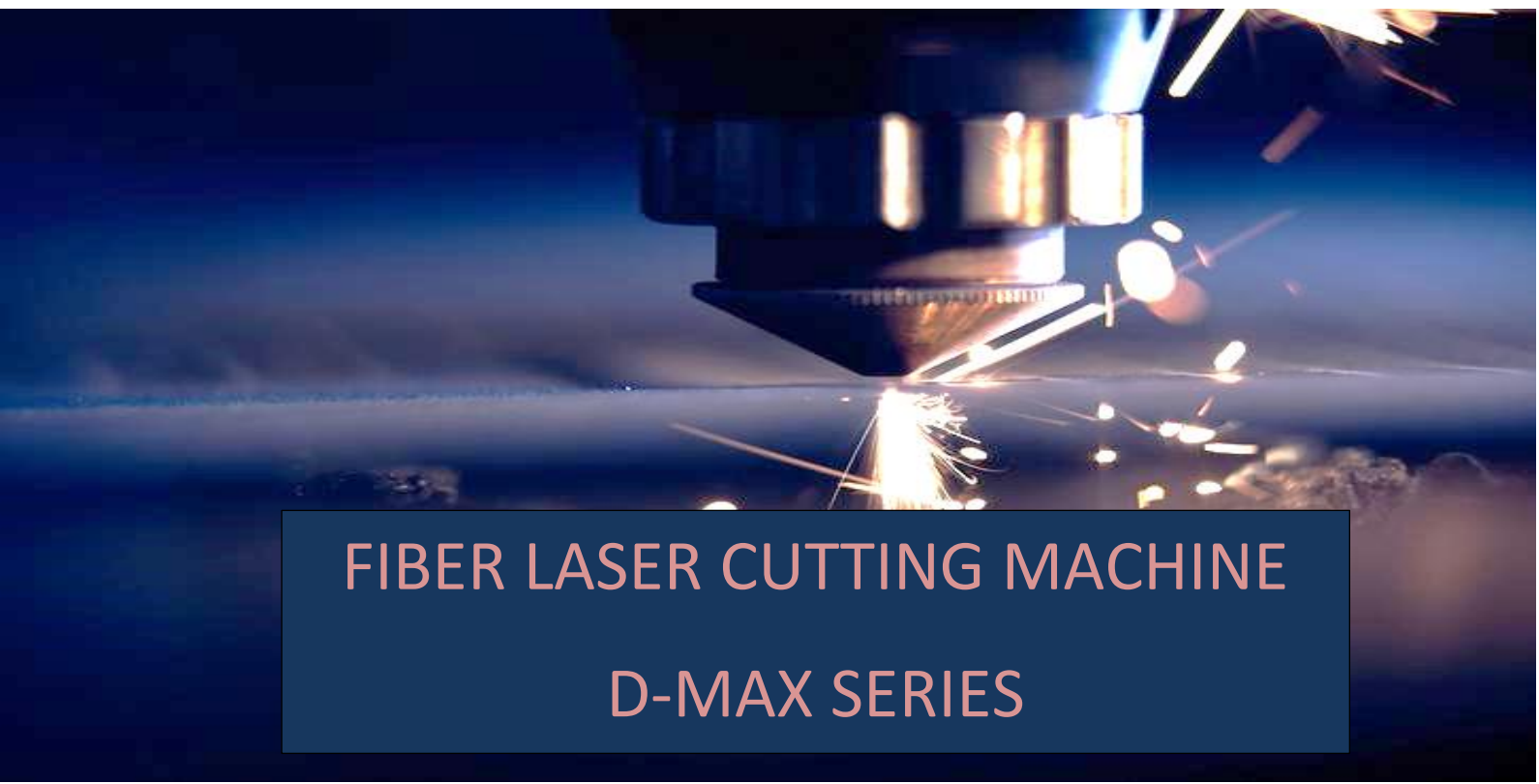




FIBER LASER CUTTING MACHINE D-MAX SERIES

M/S TELANGANA LASER

Kind Attn: Mr. NARSIMHA

JEEDIMETALA, HYDERABAD

Sales Manager

KEERTHIK KUMAR

Proposal Ref Number

DL-AT-MB-E-2090

Proposal Issued.

11th MAY 2026

www.atomstech.in

Model – D-MAX 6530



Size – 6500X3000mm

Type – Single table Open type

Power – 20000W Fiber laser

D-MAX Heavy-Duty series

Why Choose Our Machine?

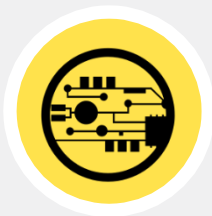
The configuration of Dynamite laser has been chosen by some of the most experienced people in India in the field of lasers. Care was taken to consider the unique challenges that the country throws at you. The machine is built to run properly for decades.

6 features that make our machine unique



Scientific Design

Designed by structural engineers, based on the principals of rigidity and after thousands of simulations



Advanced

Focused on profitability through high speed, no rework and material saving through intelligent nesting



Long Life

The machine bed and spares used mean that the machine is able to run for 20 years without deformation



Continued

The accuracy and repeatability of the machine are maintained even after years of running 24 x7



High-quality

Locally available, high quality spares are used to ensure timely availability and minimum down time



24x7 workhorse

We do not just expect you to use the machine 24x7, we actively encourage you to do so

Our World Class Service

We strive to be the world best in service. Our entire endeavor is to give you a product and experience that is unparalleled not only in this industry, but any other industry in the world as well.



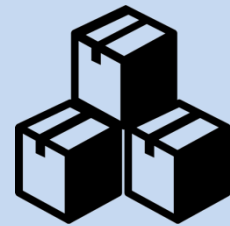
Trained and locally placed engineers

The importance of hiring the right people, training them and keeping them cannot be overstated. Please feel free to talk to our engineers to know the difference!



Best service infrastructure

Our engineers are equipped with the best tools and facilities. We provide 24x7 assistance and SPOC for every customer to for most effective and hassle-free experience...



Availability of spares and consumables

We keep a large stock of all majorly required consumables and spares in our offices across the country to ensure zero or close to zero down time for your machine.

Technical Parameters

LASER POWER/TYPE	20000W FIBER LASER
LASER WAVELENGTH	1070-1080NM
XYZ AXIS WORKING LENGTH	6500mm X 3000mm
CUTTING THICKNESS	Follow the cutting chart
INCISION SEAM WIDTH	0.1-0.2MM
REPEATED POSITIONING ACCURACY	±0.03MM/1000MM
POSITIONING ACCURACY	0.03MM
TRAVERSE SPEED (X-Y)	100M/MIN
MAXIMUM ACCELERATION	1.2G
TABLE MAXIMUM LOAD	8,000 KG
TOTAL MACHINE GROSS WEIGHT	11900KG
POWER DEMAND	380V, 50HZ/60HZ

Machine Accessories

FIBER LASER SOURCE	1SET	CHINA	MAX
LASER HEAD	1SET	CHINA	RAYTOOL
BED AND ACCESSORIES	1SET	INDIA	ATOMS OEM
ELECTRIC CONTROL	1SET	FRANCE	SCHNEIDER
PNEUMATIC CONTROL	1SET	JAPAN/GERMANY	SMC/CKD/REXROTH
PRECISION GEAR AND RACK	3 SETS	TAIWAN	YYC
PRECISION GUIDE RAIL	3 SETS	TAIWAN	HIWIN
SPEED REDUCER	1 SETS	Taiwan	MOTOREDUCER
CONTROL SOFTWARE SYSTEM	1SET	CHINA	RAYTOOLS
AC SERVO MOTOR AND DRIVE	1SET	JAPAN	FUJI PANASONIC
CHILLER	1SET	INDIA	OEM
SUCTION BLOWER	1SET	INDIA	NA/OEM
HIGH AND LOW CHANGE TABLE	1SET		NA
RADIATION PROTECTION COVER	1SET	NA	ATOMS OEM

Cutting Speed Chart

Materials	Thickness (mm)	Cutting Speed
Carbon Steel (O2)	1	8.0-12.0
	2	6.0-7.5
	3	4.0-5.0
	4	3.5-4.5
	5	3.0-3.8
	6	2.6-3.5
	8	2.0-2.7
	10	1.8-2.3
	12	1.8-2.0
	16	1.0-1.4
	20	0.8-1.2
	22	0.7-0.9
	25	0.6-0.9
	30	0.4-0.6
	40	0.3-0.5
	45	0.2-0.3
Carbon Steel (N2)	1	60.0-90.0
	2	40.0-55.0
	3	30.0-45.0
	4	22.0-40.0
	5	17.0-30.0
	6	15.0-25
	8	10.0-20.0
	10	7.0-13.0
	12	5.0-9.0
Carbon Steel (Air)	1	62.0-90.0
	2	41.0-56.0
	3	31.0-46.0
	4	23.0-41.0
	5	18.0-32.0
	6	16.0-27.0
	8	11.0-22.0
	10	7.5-13.5
	12	5.5-10.5

Materials	Thickness (mm)	Cutting Speed
Stainless Steel (N2)	1	75.0-90.0
	2	47.0-60.0
	3	30.0-45.0
	4	25.0-40.0
	5	17.0-30.0
	6	15.0-20.0
	8	9.0-18.0
	10	6.0-15.0
	12	5.0-7.5
	14	3.5-6.0
	16	3.0-4.5
	20	1.8-3.0
	25	1.0-1.7
	30	0.7-1.2
	40	0.4-0.8
Stainless Steel (Air)	1	75.0-90.0
	2	47.0-61.0
	3	30.0-46.0
	4	25.0-41.0
	5	17.0-31.0
	6	15.0-21.0
	8	9.0-19.0
	10	6.0-16.0
	12	5.0-8.5
	14	3.5-6.8
	16	3.0-4.8
	20	1.8-3.6
	25	1.0-2.3
	30	0.7-1.7
	40	0.4-1.4

Materials	Thickness (mm)	Cutting Speed
Aluminium (N2)	1	65.0-85.0
	2	45.0-55.0
	3	28.0-40.0
	4	20.0-35.0
	5	25.0-30.0
	6	18.0-26.0
	8	12.0-18.0
	10	5.0-9.5
	12	4.0-7.0
	16	1.8-4.0
	20	1.4-2.0
	25	0.6-1.5
Brass (N2)	1	62.0-75.0
	2	40.0-50.0
	3	25.0-35.0
	4	15.0-28.0
	5	13.0-17.0
	6	11.0-16.0
	8	7.0-10.0
	10	5.0-7.0
Copper (O2)	1	60.0-70.0
	2	40.0-50.0
	3	20.0-30.0
	4	15.0-20.0
	5	12.0-18.0
	6	8.0-15.0
	8	5.0-7.0

FEATURES

Technology & Manufacturing- MACHINE BODY & STRUCTURE

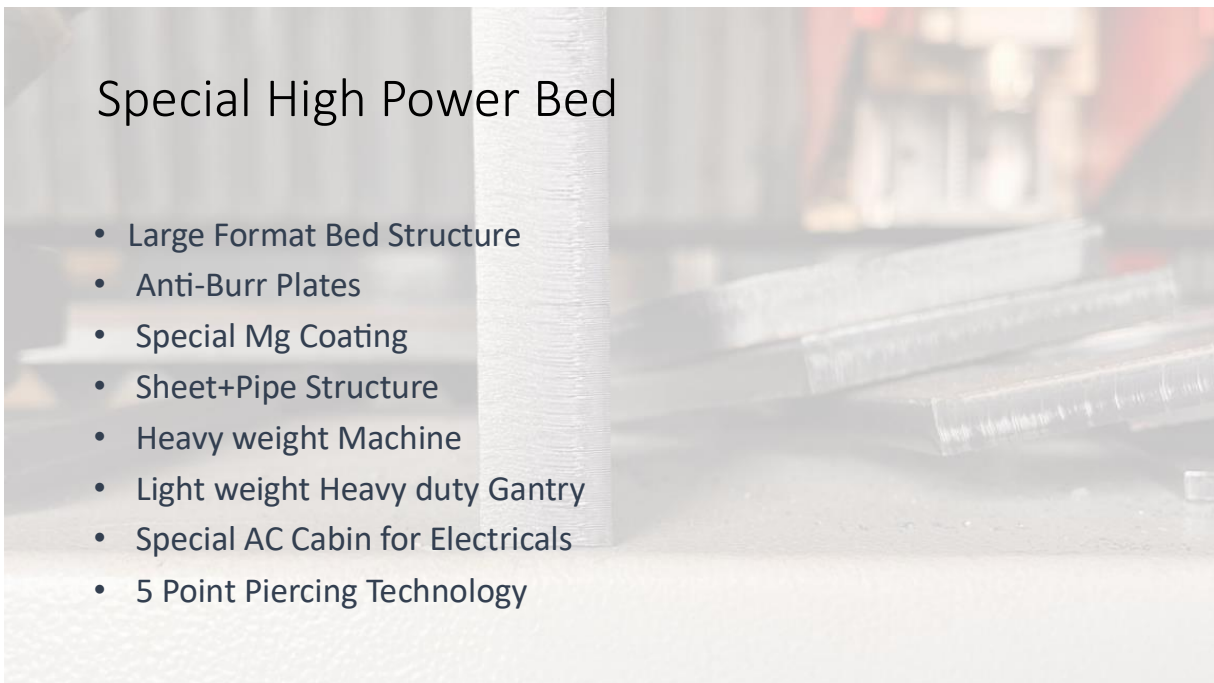
•What Is Rigid Structure ???

- Stable
- no deformation
- stable at vibration, atmospheric temp. force, motion
- Strong



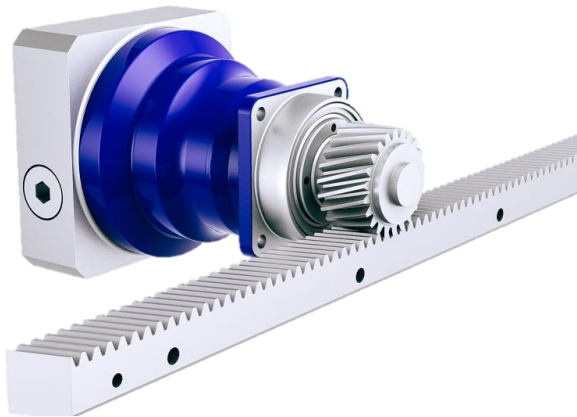
Special High Power Bed

- Large Format Bed Structure
- Anti-Burr Plates
- Special Mg Coating
- Sheet+Pipe Structure
- Heavy weight Machine
- Light weight Heavy duty Gantry
- Special AC Cabin for Electricals
- 5 Point Piercing Technology



Transmission system

THE DRIVING FORCE TO THE EFFICIENCY.



DIN 6 Grade high quality imported Rack with reducer

Minimum backlash ~4Rad only.

Helical gear with M8 grade assures the minimum pitch

acceleration – deacceleration smooth movement with maximum speed and acceleration

highest positioning accuracy 10% less rejections

long life, minimum maintenance

Technology- Features



Auto Lubrication

Auto-Height Adjustment

High Speed Bus Mastering System

Active-Anti collision

Higher Acceleration

Innovative edge detection

Advance Nesting Program

Extra cooling for Gas cutting

High quality Electrical components

Leap-Frog Fly cutting

Superior Aesthetic Design

Loaded with Safety features & Global guideline

Technology – cutting Head



Auto Height Tracking System

Servo Automatic Focussing System

Advance Modular Design with improved cooling system

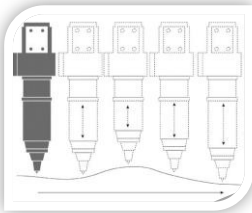
Ultimate Sealing – NO dust, No Particle

Imported Optics with extra protection layer

Cavity Cooling Design

Features –cutting head

The unmatched performance

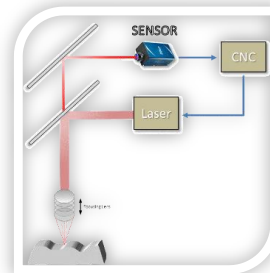


SURFACE FOLLOWER – The head follows the surface, and cuts accurately even on the sheet have warpings. This also protect the laser path obstacles. The capacitive sensing is the basic feature with highest sensitivity.



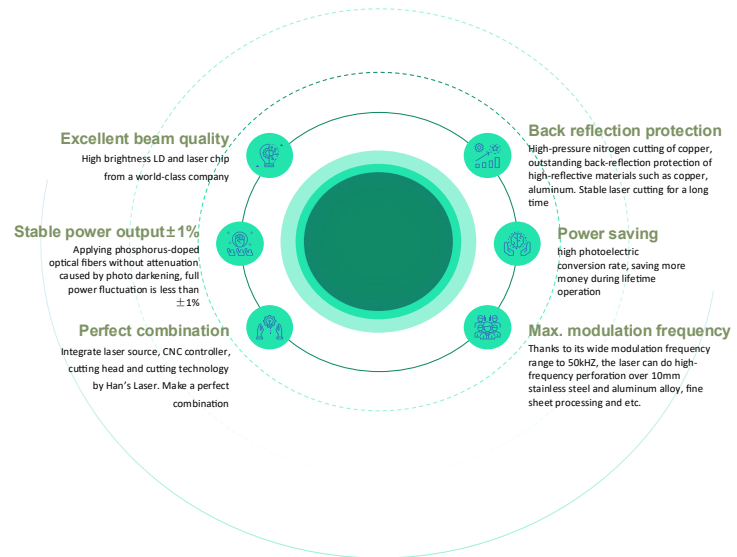
LENS PROTECTION –

The 6 lens with high quality Mo-se coating gives longer life and finish cutting, while keep the head temp stable. The longer QBH prevent the back reflection.

**AUTOFOCUS-**

The innovative DBE technology based autofocus allows the cutting head to cut high thickness job with ease and help in fast piercing on metals. We adopts the best available DBE Technology for our cutting head.

Technology- Laser Source



Efficient Cutting Techniques

- **Rapid Fly Cutting**
- **Optimised algorithm for circle fly cutting**
- **Leap-Frog Function**
- **Pre-Clean System**
- **Automatic, replaceable sheet loading table**
- **Efficient Nesting Algorithm**
- **Material waste control**



Pricing – INR FOR FACTORY

ATOMS SERIES FIBER LASER CUTTING MACHINE – QTY 1 D-LIGHT max series – Single table without Enclosure 6500XX 3000 mm bed MAX 20000W RAYTOOLS RAYTOOL	INR 88,00,000.00 + GST
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TERMS & CONDITIONS

- Delivery: approx. 8- 10 weeks against the full payment.
- Transport – Included in Price Delivery to Bhilai Plant
- PBG – Security Cheque will be given up-to duration of Satisfactory installation.
- Taxes & Duties: GST extra
- Payment Terms: 30% of total amount as deposit, balance 65% before shipment & 5% After successful delivery.
- Installation and training: Included
- Warranty: Two year from the date of manufacturing (except consumable, fiber cable & optical parts) Special Offer – 1 Year warranty on Fiber cable with Max source.
- Warranty, Scope of supply and General Terms and conditions are illustrated in the section below and will supersede any verbal discussions
- QC Certificate will be provided
- Accessories – Consumables, Spares two sets Extra as included
- Validity of Quote – 1Month
- Unloading – will be in customer scope

ORDER ON :-

ATOMS TECHNOLOGIES

Term & Conditions.

General terms and conditions



Payment

If payment is delayed beyond 90 days of agreed term, then the warranty will be void and all services will be blocked. Interest charges of 18% pa will be charged on all delayed payments.



Delivery

The products are delivered to the purchaser or to the forwarding agent on the agreed date. Delivery date can be put off in case one of (a) events which cannot be dependent on our will such as labor conflicts suppliers' delays and any event beyond their control, (b) Purchaser's delays in carrying out payments.



Warranty

We would replace any parts which due to the poor quality free of charge, unless these faults are due to the purchaser's inexperience and negligence as well as tampering and unauthorized services. Warranty does not cover any part or components subject to wear and tear like Optics in cutting head, Fiber Cable, Valves etc.



Intellectual Property

Every property or technical sheet is of ALT exclusive property (software programs included) and can only be employed with the supply. Any reproduction, transmission or information sent to a third party is against ALT's property right.



Cancellation

In case of Order Cancellation made from customer, the advance payment will be forfeited. If it's a special machine made exclusively then the OEM has all the rights to take appropriate actions to recover the investments made.



Disputes

Every dispute is governed by Bengaluru Court Law, India.

Product & Services



fiber laser marking machines



Fiber laser cutting machines



Co2 laser Engraving / cutting machines



CNC / NC pressbreak machines



Laser Welding machines



Label cutting laser machine



Laser Spares & Consumables



Metal Forming Machines | OEM Machines

atoms LASER technologies



ASSOCIATE PARTNER



FOR,

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