SAMARTH ENGINEERING CO.PVT.LTD.



ABOUT US

We aim to be **INDIA's** first choice of sheet metal supplier for the complete range of all the Automobile Industries.

To achieve this, we will always seek to provide a quality of product and service that meets or surpasses our customers' expectations.

To succeed in this, we aim to ensure that all our employees are dedicated, skilled in their tasks, well trained, properly equipped, well motivated and well rewarded.

SAMARTH ENGINEERING CO.PVT.LTD.



VISION

To be the most preferred manufacturer of sheet metal part for Automobile Industry ensuring zero defect supply to our customer through innovation and meeting customer satisfaction ….

EVERY STEPS /PROCESS SAVED IS A PENNY EARN

SAMARTH ENGINEERING CO.PVT.LTD.



MISSION

To create value for all business partners and customers.

Samarth Engineering Company Private Limited is committed to provide world class quality product to our customer and maintain excellence, respect, integrity through continual improvement in all aspect of our operations, professional and business conduct

SAMARTH ENGINEERING CO.PVT.LTD.



QUALITY POLICY

“PRODUCE QUALITY → DELIVER QUALITY”

We are committed to maximize customer satisfaction by consistent and timely supply of quality products.

We shall achieve this by Developing a capable team and pursuing continual improvement in a processes, practices and overall performance

SAMARTH

SAMARTH ENGINEERING CO.PVT.LTD.

PSPL STEEL PROCESSORS PVT. LTD.



Contact Us: https://psplprocessors.com/contact-us/

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PSPL SMART ROOF SOLAR A PSPL Group Company

PSPL MAKING STEEL WORTHY

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PSPL SMART ROOF SOLAR



Contact Us : http://www.psplsmartroofsolar.com/

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PROMOTER GROUP

The Promoters Also Have Promoted Many Companies And Control Its Management

1) **PSPL STEEL PROCESSORS PVT LTD –** is Distributor of **TATA STEEL** Since 1991, with its Steel Service Centre in **KOLKATA** and **JAMSHEDPUR.**

2) **SAAN GROUP-** Engaged in Business of Real estate and angle investors to many companies all over the world.

3) **PSPL SMART ROOF SOLAR-** Since 2021 JV with Delhi base Smart Roof Solar have experience of 80+ megawatt. And **PSPL SMART ROOF** Solar has made 12+ megawatt in last three years till March 2024.

4) **ACCROPOLY NINOMIYA INDIA PVT LTD -** JV with Japanese co Ninomiya industries making driver seat cabins for **TATA HITACHI** at **KHARAGPUR** Since 2011.

Group Companies are having the turnover of more then 10 Billion INR

BOARD OF DIRECTORS IN SAMARTH ENGG.CO.PVT.LTD

Mr. ABHINANDAN JAIN
Mr. SHREYANS JAIN

BOARD OF DIRECTORS IN PSPL STEEL PROCESSORS PVT. LTD.

Mr. BIMAL JAIN
Mr. NIRMAL JAIN
Mr. ABHINANDAN JAIN
Mr. SHREYANS JAIN

SAMARTH ENGINEERING CO.PVT.LTD.

BOARD OF DIRECTORS IN PSPL SMART ROOF SOLAR PVT.LTD.

Mr. VIKASH SINGHAL
Mr. PRATIK SARIA
Mr. SHREYANS JAIN

BOARD OF DIRECTORS IN ACCROPOLY NINOMIYA INDUSTRIES PVT.LTD.

Mr. PREM PRAKASH GOYAL
Mr. DEEPAK GOYAL
Mr. SHREYANS JAIN
Mr. TAKASHI OGUSHI
Mr. RYOICHI NUKUMI

SAMARTH ENGINEERING CO.PVT.LTD.

CERTIFICATES



IQNET

Building trust together.

Certificate

Quality Austria
has issued an IQNET recognized certificate that the organization

SAMARTH ENGINEERING CO. PVT. LTD.
809 P, Kandra Road, Adityapur Industrial Area,
Jamshedpur - 832109, Jharkhand, India

for the following scope:
Manufacture of Sheet Metal Components and Assemblies
EAC: 17.2

has implemented and maintains a

QUALITY MANAGEMENT SYSTEM

which fulfils the requirements of the following standard

ISO 9001:2015

Issued on:	2024-06-11
Validity Date:	2027-06-10
Quality Austria certified since:	2018-04-24

Registration Number: AT-20447/0

Alex Stoichitoiu
President of IQNET

Mag. Friedrich Khuen-Belasi
Authorised Representative
of Quality Austria

qualityaustria
Succeed with Quality



qualityaustria
Succeed with Quality

CERTIFICATE

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this **quality**austria certificate to the following organisation:

This **quality**austria certificate confirms the application and further development of an effective

SAMARTH ENGINEERING CO. PVT. LTD.
809 P, Kandra Road, Adityapur Industrial Area,
Jamshedpur - 832109, Jharkhand, India

QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
IATF 16949:2016
without product design

Manufacture of Sheet Metal Components and Assemblies

Registration No.: T-07769/0
IATF-USI: 6XKY29
IATF-Registration No.: 0522465
Issue Date: 11 June 2024
Expiration Date: 10 June 2027

Vienna, 11 June 2024 Page 1 / 1

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3

Mag. Christoph Mondl, CEO
Mag. Dr. Werner Paar, CEO
Ing. Christoph Baumgartner, MSc, MBA, Authorised representative, management Customer Service Center



ENVIRONMENTAL MANAGEMENT SYSTEM

Certificate of Registration

This is to Certify That The Environmental Management System of

SAMARTH ENGINEERING COMPANY PRIVATE LIMITED

PLOT NO-809P, KANDRA ROAD, ADITYAPUR INDUSTRIAL AREA, JAMSHEDPUR-832109, JHARKHAND, INDIA

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

MANUFACTURE OF SHEET METAL COMPONENTS AND ASSEMBLIES

Certificate No	**23DELL62**		
Initial Registration Date	: 01/09/2023	Issuance Date	: 01/09/2023
Date of Expiry*	: 31/08/2026		
1st Surve. Due	: 01/08/2024	2nd Surve. Due	: 01/08/2025

DIRECTOR
ROHS Certification Pvt. Ltd.

IAF eiaC CB-EMS-835



OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

Certificate of Registration

This is to Certify That
The Occupational Health & Safety Management System of

SAMARTH ENGINEERING COMPANY PRIVATE LIMITED

PLOT NO-809P, KANDRA ROAD, ADITYAPUR INDUSTRIAL AREA, JAMSHEDPUR-832109, JHARKHAND, INDIA

has been assessed and found to conform to the requirements of

ISO 45001:2018

for the following scope :

MANUFACTURE OF SHEET METAL COMPONENTS AND ASSEMBLIES

Certificate No	**23DOLP67**		
Initial Registration Date	: 01/09/2023	Issuance Date	: 01/09/2023
Date of Expiry*	: 31/08/2026		
1st Surve. Due	: 01/08/2024	2nd Surve. Due	: 01/08/2025

DIRECTOR
ROHS Certification Pvt. Ltd.

IAF eiaC CB-OHSMS-835

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SAMARTH ENGINEERING CO.PVT.LTD.

VALUED CUSTOMERS

TATA MOTORS

Automotive Axles Limited

Brakes India Private Limited

RSB
Where Dreams are Responsibilities

RAMKRISHNA FORGINGS LIMITED

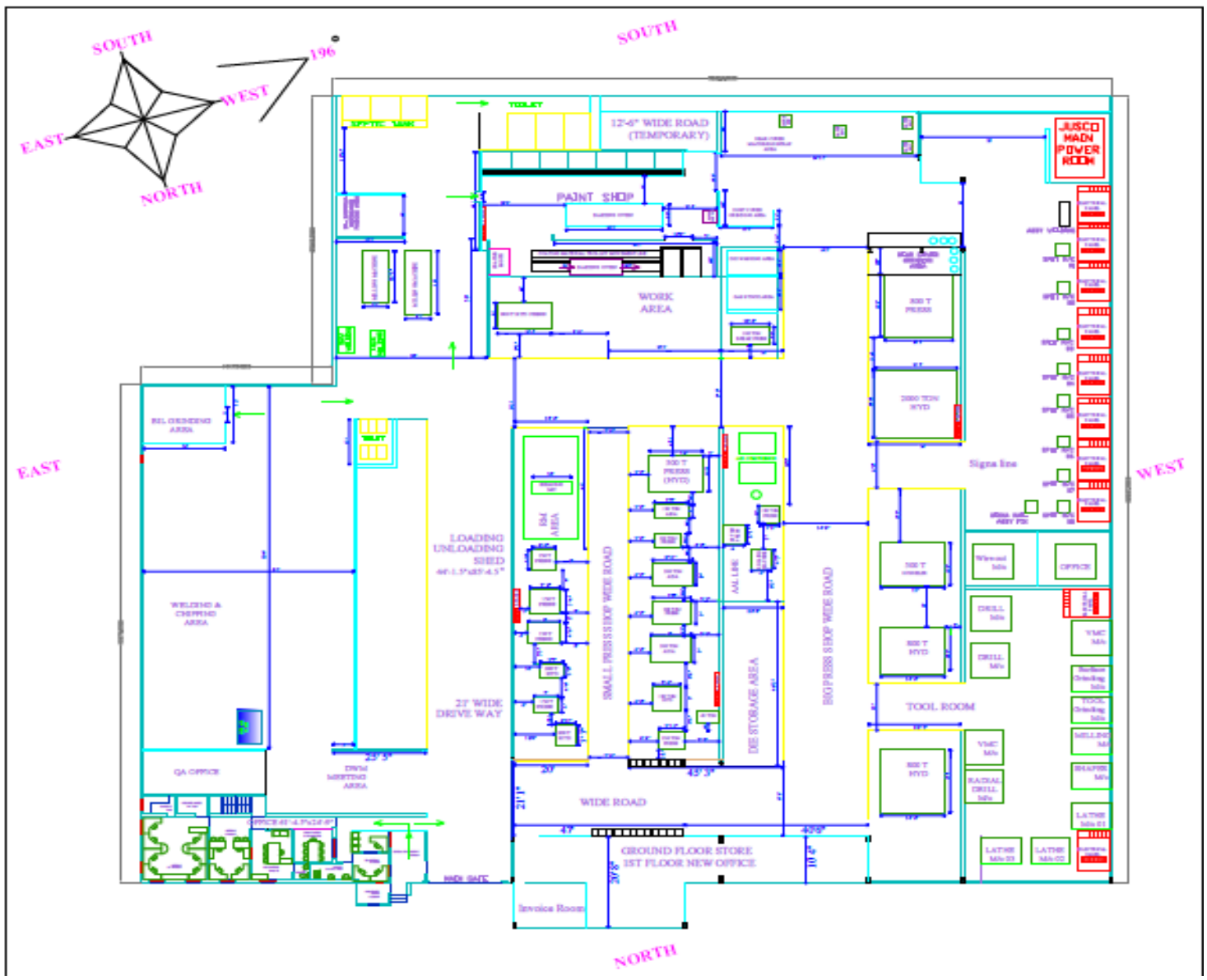
JOST

Axles India Limited

KROSS

PLANT LAYOUT FOR BETER MATERIAL FLOW AND IMPROVE PRODUCTION EFFICIENCY

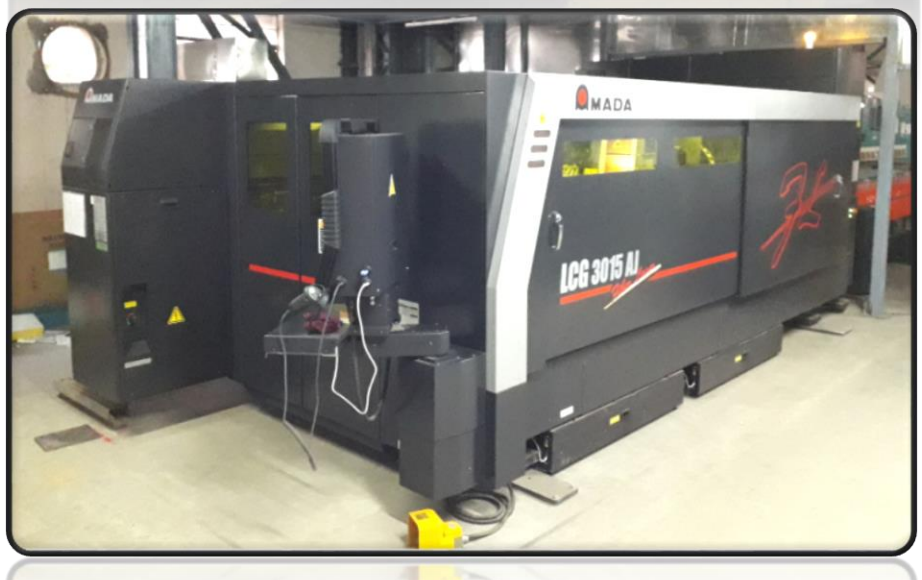
SAMARTH ENGINEERING CO. PVT. LTD
ADITYAPUR INDUSTRIAL AREA,ADITYAPUR,JAMSHEDPUR
JHARKHAND,832109



PSPL SYNERGY ADDED MACHINERIES













SAMARTH ENGINEERING CO.PVT.LTD.

VALUED PRODUCT



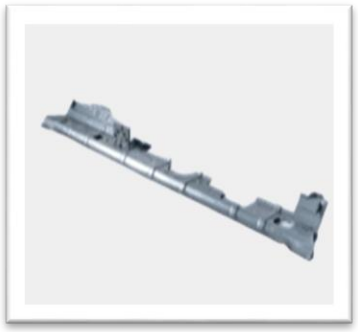
DOOM COVER



DUST SHIELD FOR BRAKES



DUST SHIELD ASSEMBLY



WAIST RAIL



CLUTCH, BRAKE & ACCEL. PEDAL



ASSEMBLY ACCELERATOR PEDAL



ASSEMBLY CLUTCH PEDAL



BONNET ASSEMBLY



SHACKLE PLATE



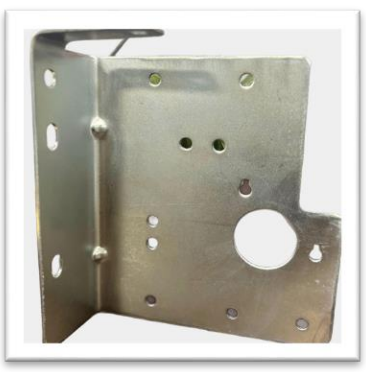
WEB BRAKE SHOE



ARMY AXLE



CHEQUERED PLATE



CONNECTOR MTG



CLUTCH BOX



TABLE



HALF TAG BOX

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ANIPL

AMADA MACHINE 3KW 2NOS FIBER LASER CUT AT PSPL U-1 JSR



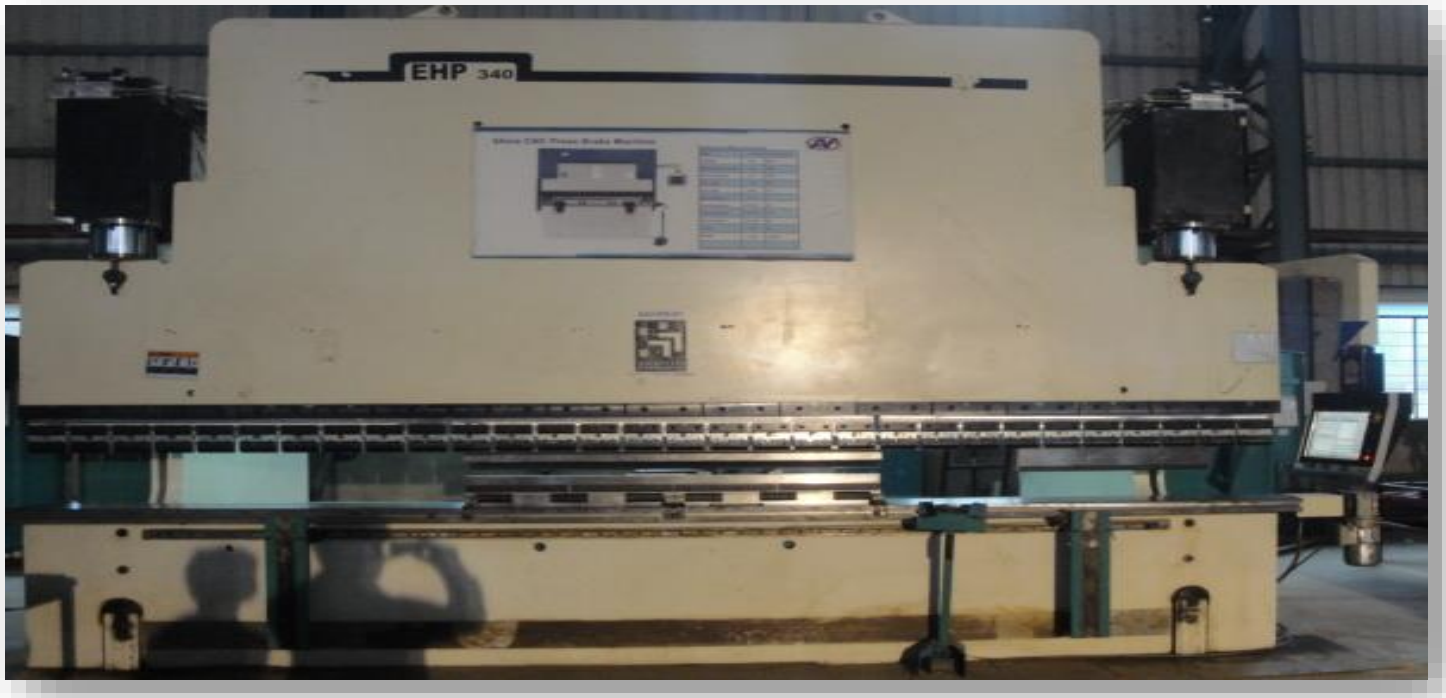
MAKE		AMADA
MODEL		LCG3015
LASER POWER		3000W
LASER SOURCE		FIBRE
PROCESSING DIMENSION X X Y X Z	MM	3070 * 1550 * 100
MAXIMUM SHEET DIMENSION	MM	3070 * 1550
PROCESSING FEED RATE	M/MIN	0 ~ 120
RAPID FEED RATE	M/MIN	170
MAX. MATERIAL MASS	KG	920
MATERIAL THICKNESS	MM	
MILD STEEL		20
STAINLESS STEEL		15
ALUMINIUM		12
BRASS		8
COPPER		6

NEW FIBER LASER CUTTING MACHINE 10KW AT PSPL U-1 JSR CAN CUT MORE THEN 450 TON A MONTH



MAKE		AMADA
MODEL		LCG3015-AJ 10kW
LASER POWER		10000
LASER SOURCE		FIBRE
PROCESSING DIMENSION X X Y X Z	MM	3070 * 1550 * 100
MAXIMUM SHEET DIMENSION	MM	3070 * 1550
PROCESSING FEED RATE	M/MIN	0 ~ 120
RAPID FEED RATE	M/MIN	170
MAX. MATERIAL MASS	KG	920
MATERIAL THICKNESS	MM	
MILD STEEL		25
STAINLESS STEEL		15
ALUMINIUM		12
BRASS		8
COPPER		6

BRAKE PRESS
EHP340 AT PSPL U-1 JSR



MAKE	HINDUSTAN HYDRAULICS	
CAPACITY	KN	3400
MAXIMUM WORKING LENGTH	MM	5200
FRAME DISTANCE	MM	4300
THROT GAP	MM	500
DAY LIGHT	MM	375
NO. OF CYLINDER	MM	2
LOWERING SPEED	MM/SEC.	80
PRESSING SPEED	MM/SEC.	10.5
RETURN SPEED	MM/SEC.	80
POWER	KW.	30
WEIGHT	KGS.	31000

800 T PNEUMATIC



PARAMETER DESCRIPTION	800 TON PNEUMATIC
FORCE OF RAM / SLIDE	800 TON PNEU
STROKE OF SLIDE	508MM
CLAMPING AREA OF SLIDE	2743X1254 MM
DAY LIGHT (RAM IN UPWARD POSITION)	813MM
SHUT HEIGHT (RAM IN DOWNWARD POSITION)	305MM
SLIDE ADJUSTMENT	508MM
NO. OF STROKES PER MINUTE	6 & 9
CLAMPING AREA OF BOLSTER	2743X1524 MM (L.R X F.B.)
TYPE OF BOLSTER	NOT MOVABLE
HEIGHT OF FIXED BOLSTER TOP SURFACE ABOVE FLOOR LEVEL	720MM
CUSHION AREA IN BOLSTER PLATE	
TYPE OF CUSHION IN BOLSTER	AIR
STROKE OF CUSHION IN BOLSTER	254MM
CAPACITY OF CUSHION	300T
NO. OF CUSHION	2
TYPE OF EJECTOR IN SLIDE	KNOCKOUT BAR
STROKE OF EJECTOR IN SLIDE	178MM
NO. OF KNOCKOUT BAR	5
NO. OF PRESS	01 NOS

800 T HYDRAULIC (2 NOS.)



PARAMETER DESCRIPTION	800 TON HYDRAULIC
FORCE OF RAM / SLIDE	800 TON HYD
STROKE OF SLIDE	1000MM
CLAMPING AREA OF SLIDE	3200X1800 MM
DAY LIGHT (RAM IN UPWARD POSITION)	1800MM
SHUT HEIGHT (RAM IN DOWNWARD POSITION)	800MM
SLIDE ADJUSTMENT	500MM
NO. OF STROKES PER MINUTE	10
CLAMPING AREA OF BOLSTER	3200X1800 MM (L.R X F.B.)
TYPE OF BOLSTER	FIXED
HEIGHT OF FIXED BOLSTER TOP SURFACE ABOVE FLOOR LEVEL	880MM
CUSHION AREA IN BOLSTER PLATE	2000 X 1250 MM
TYPE OF CUSHION IN BOLSTER	HYDRAULIC
STROKE OF CUSHION IN BOLSTER	400MM
CAPACITY OF CUSHION	200T
NO. OF CUSHION	1
TYPE OF EJECTOR IN SLIDE	HYD.EJECTOR
STROKE OF EJECTOR IN SLIDE	400MM
NO. OF KNOCKOUT BAR	-
NO. OF PRESS	02 NOS

500 TON HYDRAULIC



PARAMETER DESCRIPTION	500 TON HYDRAULIC
FORCE OF RAM / SLIDE	500T HYD.
STROKE OF SLIDE	600MM
CLAMPING AREA OF SLIDE	2500X2000MM
DAY LIGHT (RAM IN UPWARD POSITION)	1500MM
SHUT HEIGHT (RAM IN DOWNWARD POSITION)	900MM
SLIDE ADJUSTMENT	400MM
NO. OF STROKES PER MINUTE	4
CLAMPING AREA OF BOLSTER	2500X2000MM (L.R X F.B.)
TYPE OF BOLSTER	FIXED
HEIGHT OF FIXED BOLSTER TOP SURFACE ABOVE FLOOR LEVEL	880MM
CUSHION AREA IN BOLSTER PLATE	1500 X1200 MM
TYPE OF CUSHION IN BOLSTER	HYDRAULIC
STROKE OF CUSHION IN BOLSTER	200MM
CAPACITY OF CUSHION	200 T
NO. OF CUSHION	1
TYPE OF EJECTOR IN SLIDE	HYD. EJECTOR
STROKE OF EJECTOR IN SLIDE	180MM
NO. OF KNOCKOUT BAR	
NO. OF PRESS	01 NOS

500 T SCHULER



PARAMETER DESCRIPTION	500 T SCHULER
Force of Ram / Slide	500T SCHULER
Press Type	Pneumatic
Tonnage	550
Max Shut HT	550 mm
Ram Slide Stroke	430-550
Cushion type	fixed
Bed size	2400 x 1500
Fixture or tool Clamping	Manually

200 T PNEUMATIC (2 NOS)



150 T PNEUMATIC (6 NOS)



PARAMETER DESCRIPTION	200 T PNEUMATIC	150 T PNEUMATIC
Force of Ram / Slide	200 Ton Pneumatic	150 Ton Pneumatic
Stroke of slide		
Clamping Area of Slide	1500 x 760	1500 x 760
Day Light (Ram in upward position)	450 mm	450 mm
Shut Height (Ram in downward position)	350 mm	350 mm
Slide Adjustment	100 mm	100 mm
No. of Strokes per minute	30	30
Clamping Area of Bolster	2140X 760	2140X 760
Type of Bolster		
Height of Fixed Bolster top surface above floor level	1000 mm	1000 mm
Cushion area in Bolster Plate		
Type of cushion in Bolster	Air	Air
Stroke of cushion in Bolster		
Capacity of cushion	30 T	30 T
No. of Cushion	1	1
Type of ejector in slide	Knockout Bar	Knockout Bar
Stroke of ejector in slide		
No. of knockout bar		
No. of Press	02 Nos	03 Nos

NEW 800 T HYDRAULIC



PARAMETER DESCRIPTION	NEW 800 T HYDRAULIC
Force of Ram / Slide	800T Hyd.
Stroke of slide	1000 mm
Clamping Area of Slide	3200X1800 mm
Day Light (Ram in upward position)	1800 mm
Shut Height (Ram in downward position)	800mm
Slide Adjustment	500mm
No. of Strokes per minute	10
Clamping Area of Bolster	3200X1800mm (L.R x F.B.)
Type of Bolster	Fixed
Height of Fixed Bolster top surface above floor level	880mm
Cushion area in Bolster Plate	2000x1250 mm
Type of cushion in Bolster	Hydraulic
Stroke of cushion in Bolster	400 mm
Capacity of cushion	200T
No. of Cushion	1
Type of ejector in slide	Hyd. Ejector
Stroke of ejector in slide	400mm
No. of knockout bar	
No. of Press	03 Nos.

200 T HYDRAULIC



PARAMETER DESCRIPTION	200 T HYD
Force of Ram / Slide	200 T HYD
Press Type	HYDROLIC
Main Cylinder Capacity	200 T
Stroke	500 mm
loading Ht.	1000 mm
Day light	1000 mm
Power	40 HP
Table Size	1000* 1000

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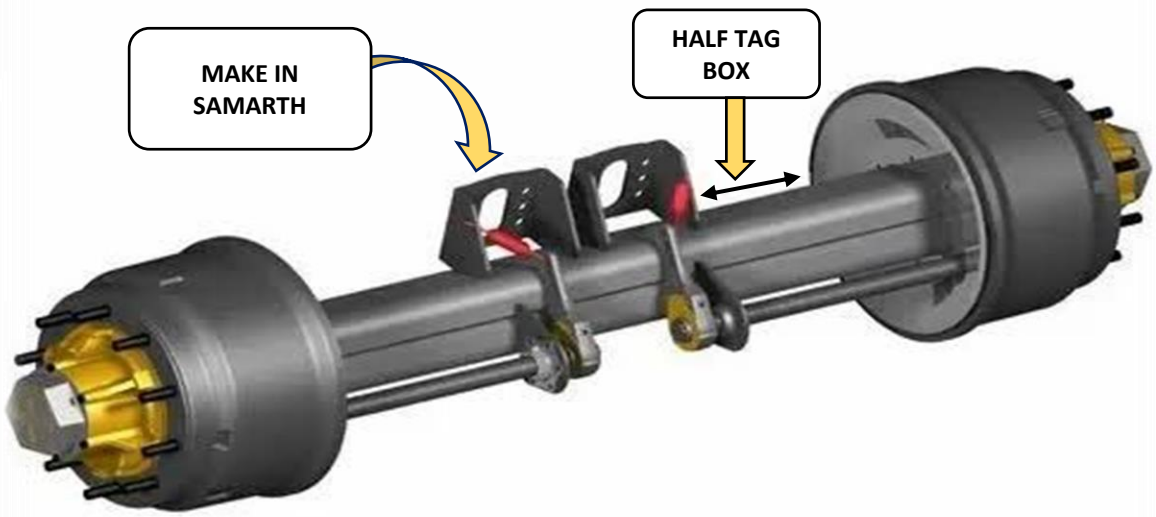
2000 T DEEP DRAWING PRESS

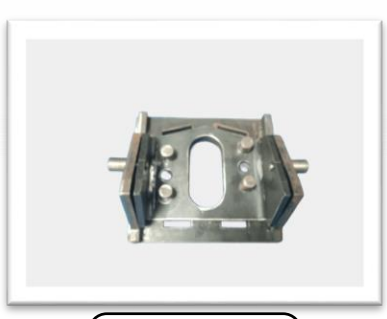


TECHNICAL SPECIFICATIONS	
Item Details	2000 TON DEEP DRAWING PRESS
Capacity	2000 Ton
Return Capacity	120 Ton
Bolster Size	3600 mm (L TO R) x 2500 mm (F TO B)
Slide Size	3600 mm (L TO R) x 2500 mm (F TO B)
Bolster Type	Moving, Center to Front Direction
Pressing Stroke	1500 mm, Down Stroking
Open Daylight	2300 mm
Shut Height	800 mm
Total Connected Load	260 KW (52 KW x 5 Nos Motors) + Oil Chiller
Design	4 Pillar Inside Column (H-Frame) Design, Fabricated structure with IS 2062 Grade Steel
Slide Guiding System	8 Point Gib Guiding system with Replaceable Phosphorus Bronze replaceable Linear
Geometrical Accuracies	Parallelism, Perpendicular, Flatness as per JIS Standard Grade 2

SAMARTH PSPL SMART ROOF SOLAR A PSPL Group Company PSPL MAKING STEEL WORTHY ANIPL

DUMMY AXLE





AIR CYLINDER BRACKET



HALF TAG BOX

TOOL ROOM

VMC MACHINE



PARAMETER DESCRIPTION	UNIT IN MM
Table longitudinal travel (X - Axis)	1600
able cross travel (Y - Axis)	910
Headstock travel (Z - Axis)	810
Spindle nose face to table top	150-960
Increased daylight area with column height block (Optional)	530-1340
Distance from Floor to table	1150
Spindle center - Colum front distance	825
Table Size	1700 x 710

VMC



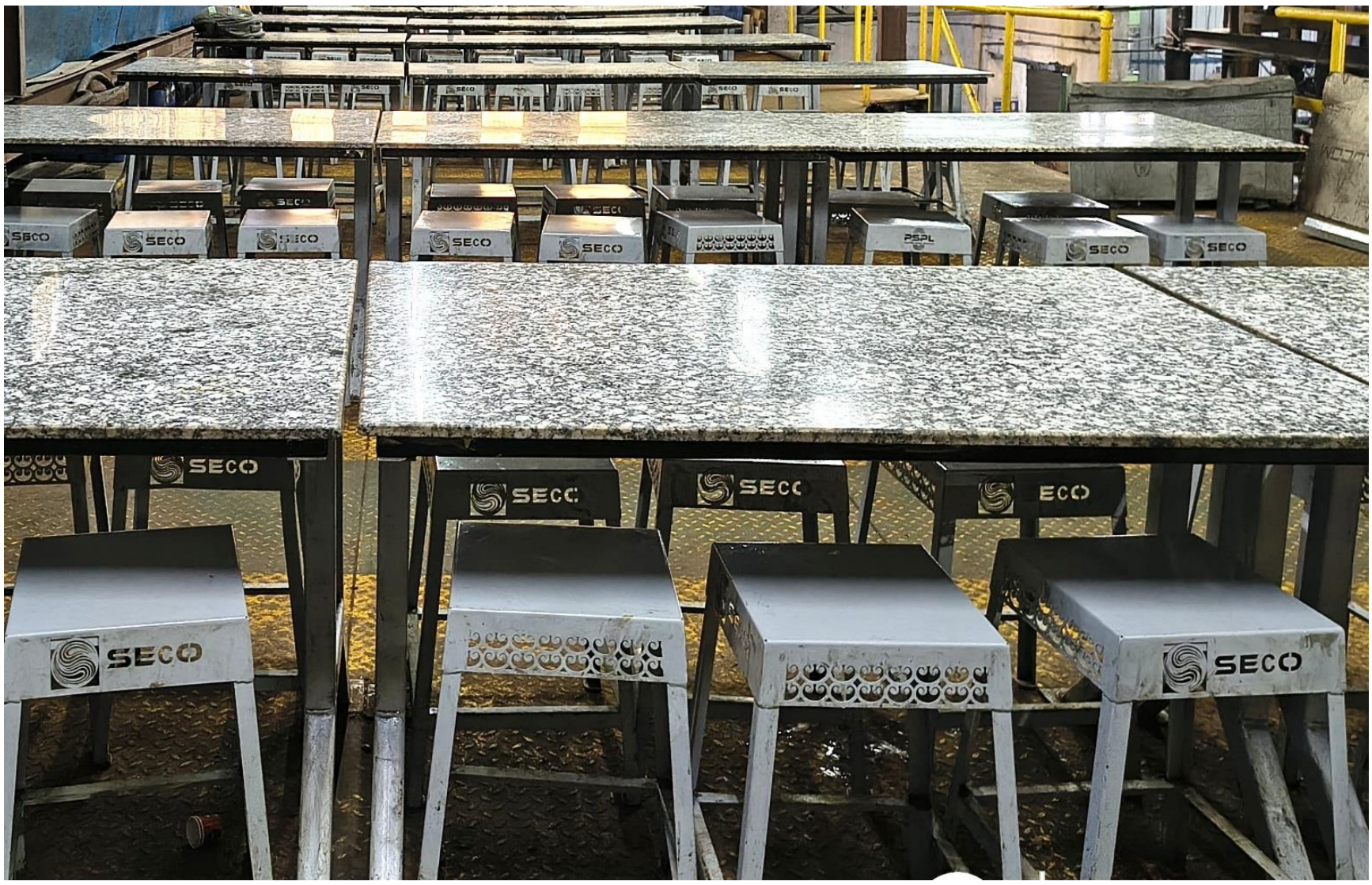
PARAMETER DESCRIPTION	VMC
Table Size	1000 x 500 mm
T-slot-dimension	4 x 18 x 100 mm
Distance from Floor to Table	800 mm
Max. load on table	500 kgf
X axis travel	820 mm
Y axis travel	510 mm
Z axis travel	510 mm
Dist. from Spindle Face to table top	150-660 mm
Spindle Speed	0 - 8000 rpm
Spindle Power	9kw/12kw (Con./30min.)
Front Bearing Bore	70 mm
Spindle Nose	BT-40
Positioning	0.015 mm
Repeatability	±0.003 mm
Rapid Traverse (X, Y & Z)	24 m/min
Cutting Feed	10 m/min
Number of Tools	20
Tool Dia. Max.	80 mm
Tool Weight Max.	7 kg
Tool Length Max.	250 mm
Weight (Approx.)	5600 Kg
Dimension (Approx.) (LxWxH)	2700 x 2200 x 2500 mm

WIRE CUT MACHINE



PARAMETER DESCRIPTION	UNIT IN MM
Machine Type:	CNC Wire EDM (Electrical Discharge Machining)
Travel (X, Y, Z):	Typically ranges from 200mm x 300mm x 200mm to 600mm x 400mm x 300mm
Cooling System:	Dielectric fluid cooling system
Wire Diameter:	0.1mm to 0.3mm (or 0.004" to 0.012")
Cutting Speed:	Up to 300 mm^2/min (depending on material and settings)
Precision Cutting	Ideal for cutting complex shapes and profiles
Machine Monitoring	Real-time monitoring of machine status and cutting process
Material:	Can cut various materials, including steel, aluminum, copper, and more
Controller:	CNC control system (e.g., Fanuc, Mitsubishi)
Power Supply	High-frequency pulse generator
CNC Programming:	Supports various programming languages (e.g., G-code, ISO code)

CANTEEN SITTING AREA FOR ALL EMPLOYEES



PAINT SHOP
P0WDER COATING BOOTH



PHOSPHATING TANK



10 PHOSPHATING TANK

TANK NO.	DESCRIPTION
TANK NO. 1 DEGREASING	NAME OF CHEMICAL:GARDOCLEAN:444
	DISCADING SCHEDULE : ONCE IN 02 MONTH
TANK NO. 2 WATER RINSE	NAME OF CHEMICAL: INDUSTRIAL WATER
	CLEANING : WEEKLY
TANK NO. 3 WATER RINSE	NAME OF CHEMICAL: INDUSTRIAL WATER
	CLEANING : WEEKLY
TANK NO. 4 DERUSTING	NAME OF CHEMICAL : GARDACID: 205
	DISCADING SCHEDULE :03 MONTH
TANK NO. 5 WATER RINSE	NAME OF CHEMICAL: INDUSTRIAL WATER
	CLEANING : WEEKLY
TANK NO. 6 WATER RINSE	NAME OF CHEMICAL: INDUSTRIAL WATER
	CLEANING : WEEKLY
TANK NO. 7 ACTIVATION	NAME OF CHEMICAL : GARDOLENE-Z
	DISCADING SCHEDULE :ONCE IN A WEEK
TANK NO. 8 PHOSPHATING	NAME OF CHEMICAL : GARDOBOND-159 & G.B
	DISCADING SCHEDULE :15 DAYS
TANK NO. 9 WATER RINSE	NAME OF CHEMICAL: INDUSTRIAL WATER
	CLEANING : WEEKLY
TANK NO. 10 PASSIVATION	NAME OF CHEMICAL : GARDOLEAN-R1683
	DISCADING SCHEDULE :WEEKLY

PLANTATION WORK

- **Importance of Plantation Essay Tree plantation is significant because it is**

linked to our basic need for good food to eat and clean air to breathe. Aside from these necessities, they preserve biodiversity, conserve water, preserve soil, and control climate, among other things. It even helps in reducing the pollution natural. The addition of plant life may even cost less and be more effective than technology designed to cut pollution, a new study found.











ACHIEVED – 5 PLANTS EACH EMPLOYEE
TARGET–10 PLANTS EACH EMPLOYEE
MORE THEN 5000 PLANTATION HAS BEEN EXECUTED

SAMARTH ENGINEERING CO.PVT.LTD.

GET IN TOUCH

PLOT NO. 809 P, KANDRA ROAD INDUSTRIAL AREA,ADITYPUR, JAMSHEDPUR,PIN- 832109 JHARKHAND,INDIA.

planthead@samarthengg.co.in

+91 9031818315


THANK YOU!