

**Manufactures of :
Precision Machined Engineering Components for Tractors, Engines
Harvester Combines, Automotive Industries and Railways**



**C-68, Phase 6, Industrial Area
Mohali (160055)**



**+91 9815012328
+91 8427970680**



DAYA SINGH SABHARWAL
(PROPRIETOR)



SON-NANAK AMRIT PAL SINGH
(UNIT HEAD)

Proprietor Daya Singh Sabharwal leading 52 years + experience in manufacturing, Designing and Development.

Our Vision

“To provide our customers, defect Free products at most economical Prices by using our expertise & Resources (Upgraded CNC Machines, Safe work Environment, Multitasking & Highly experienced technical staff.”

Our Values

- ★ Honesty, Integrity and professionalism.
- ★ Hard work, Dedication and Achievement.
- ★ Focus on our customers needs.
- ★ Focus on continues improvement of Productivity, Quality & Services.

COMPANY PROFILE

We are an established Machine Shop since 1983, and currently ancillary supplier to M/s Swaraj Mahindra & Mahindra Limited And Swaraj Engines Limited, Mohali. We are supplying different types of precision Machined components to these Companies. We also supply precision machined components for Railways DMW, Patiala. In the recent years We have upgraded our production capacity by Installing new and advanced Modern CNC & VMC machines aimed at over-all expansion plans. At present we have spare capacity in our machine shop of about 50 %. Below is the information of The available machines and other infrastructure.

We have our own Industrial plots measuring 2500 Sq. yrds & 1300 Sq.yards, Complete built-up of 30,000 sq.feet Covered area with A-class construction at C-68, Phase 6, Indl Area, Mohali & D-29, Phase 1, Indl Area , SAS Nagar Mohali, a sister concern Unit named Techno Sabharwal.

1. Electrical connection -150 + 100 = 250 KW.
2. Generator set 200 KVA and 125 KVA.
3. No's of total workers- 140 Nos.
4. Turn-over year 2020-21 = 12.50 Crores.
5. We have full range of inspection instruments & equipment's required to ensure manufacture of quality.
6. List of machinery as attached.
7. List of components as our product gallery as attached.

We are confident of developing your required range of components exactly as per your specifications / Drawings. We will be pleased to be associated with your selves for the said purpose.

Thanking you,

Yours faithfully
For Winkel Engg. Works

Prop.

LIST OF MACHINERY INSTALLED

(I.)		TURNING CENTRES	
S.N.	DESCRIPTION	QTY.	
1.	LMW LL15T L3	1	
2.	LMW LL 20T L7	1	
3.	LMW LL 25T L5	1	
4.	LMW LL 20T L5	2	
5.	LMW LX 20T L5	2	
6.	LMW LX 20T L3	1	
7.	LMW SMART PLUS	1	
8.	LMW SMARTURN LT	3	
9.	LMW SMART - TURN	3	
10.	BATLIBOI SPRINT 20TC	5	
11.	ACE SLC- 20LM	2	
12.	ACE CNC CHUCKER (SLC-16LM DOUBLE SPINDLE)	1	
13.	ACE CNC JOBBER XL SPINDLE (MT-5 TAPER)	2	
TOTAL		25	

(II.)		VERTICAL MACHINING CENTRES (VMC)	
S.N.	DESCRIPTION	QTY.	
1.	LMW LV 55	1	
2.	BFW VAYU BMW 51TC 20	2	
3.	BFW AGNI BMV 45TC 20	1	
4.	BFW CHANDRA+	5	
5.	ACE MCV - 450	3	
6.	BFW AKSHARA VF 30	1	
7.	BATLIBOI CHETAK 100 MC	1	
8.	BATLIBOI 75 MC	2	
TOTAL		16	

(III.)		MILLING MACHINES	
S.N.	DESCRIPTION	QTY.	
1.	HMT & IMPORTED HORIZONTAL MILLING M/C NO.3	5	
2.	WMW & TOSS VERTICAL MILLING MACHINE NO. 3	3	
3.	HMT & IMPORTED HORIZONTAL MILLING M/C NO. 2	9	
4.	HMT & IMPORTED VERTICAL MILLING M/C NO.2	6	
5.	HMT & IMPORTED RAM TYPE (M1TR) MILLING MACHINE	6	
6.	HMT MILLING FN1V	2	
7.	HMT MILLING FN1H	1	
8.	SHEERA MILLING M/C VERTICAL	2	
TOTAL		34	

(IV.)		CYLINDRICAL GRINDING MACHINES	
S.N.	DESCRIPTION	QTY.	
1.	ACE MICROMATIC GCE 350X600	3	
2.	ACE MICROMATIC GCE 260X600	2	
3.	PARISHUD GCE 260X600	1	
4.	HMT G-17X800	2	
5.	DANOBAT 350X800	1	
6.	TOS KAMENICEK 260X600	1	
TOTAL		10	

(V.)		SURFACE GRINDERS	
S.N.	DESCRIPTION	QTY.	
1.	AVRO MAKE 300X1000	1	
2.	PRAGA MAKE 200X600	1	
3.	ABAWERK 200X500	1	
4.	AVRO MAKE 200X450	1	
5.	JONES SHIPMAN 150X450	1	
6.	BROWN AND SHARP 150X350	1	
7.	BROWN AND SHARP 150X3500	1	
TOTAL		7	

(VI.)		DRILL MACHINES	
S.N.	DESCRIPTION	QTY.	
1.	HMT RM-62 DIA. 40MM	1	
2.	HMT PILLAR DRILL DIA. 40MM	1	
3.	EIFCO MAKE PILLAR DRILL DIA.38MM	9	
4.	EIFCO MAKE PILLAR DRILL DIA. 25MM	4	
5.	EIFCO MAKE PILLAR DRILL DIA. 16MM	22	
6.	GANG DRILL DIA. 20MM	3	
TOTAL		40	

(VII.)		GENERAL MACHINERY	
S.N.	DESCRIPTION	QTY.	
1.	GENERATOR SET KIRLOSKAR SL 90 125 KVA	1	
2.	GENSET CUMMINIS CS200 DSP 200 KV	1	
3.	60 KW COMPLETE INDUCTION HARDENING PLANT	2	
4.	TEMPERING FURNACE 200KG	2	
5.	WET TYPE MEGNA FLUX CRACK DETECTOR MACHINES	2	
6.	CNC UCAM DIVIDING HEAD MOUNTED ON VMC	3	
7.	HMT DIVIDING HEADS	3	
8.	HYDRAULIC BANDSAW HEXA MACHINES	4	
9.	HORIZONTAL HYDRAULIC BROACHING MACHINES 10T	6	
10.	ARC WELDING SET 400 A	3	
11.	MIG WELDING SET	2	
12.	POWER PRESS 30 T	1	
13.	HYDRAULIC PRESS 10 T	1	
14.	HYDRO PNEUMATIC PRESS 8 T	1	
15.	HYDRO PNEUMATIC PRESS 3T	1	
16.	HARDNESS TESTER (BLUE STAR)	2	
17.	COMPUTERISED ENGRAVING MACHINE	2	
18.	AIR COMPRESSOR DIFFERENT SIZES	12	
19.	BENCH GRINDER DIA. 8" & DIA. 10"	10	
TOTAL		59	

MANUFACTURING CAPABILITIES-(VERTICAL MACHINING CENTERS)



ACE MCV 450 (03 NOS)



BATLIBOI 75 MC (02 NOS)



BATLIBOI CHETAK 100 MC (01 NOS)



BFW AGNI BMV 45 TC 20 (01 NOS)

MANUFACTURING CAPABILITIES-(VERTICAL MACHINING CENTERS)



BFW CHANDRA + (05 NOS)



BFW VAYU BMW 51 TC 20 (02 NOS)



LMW LV 55 (01 NOS)



BFW AKSHARA VF 30 (NOS 01)

MANUFACTURING CAPABILITIES-(CNC TURNING CENTERS)



LMW SMART TURN LT (3 NOS)



LMW LL 20T L5 (2 NOS)



LMW LX 20T L5 (2NOS)



LMW LX 20 T L3 (1NOS)



LMW SMART TURN (3NOS)



LMW LL 20 T L7 (1NOS)

MANUFACTURING CAPABILITIES-(CNC TURNING CENTERS)



**ACE SLC 20 LM
(2NOS)**



**LMW SMART PLUS
(1NOS)**



**BATLIBOI SPRINT 20TC
(5NOS)**



**LMW LL 15 T L3
(1NOS)**



**LMW LL 25 T L5
(1NOS)**



**ACE CNC CHUCKER
(SLC-16LM DOUBLE SPINDLE)
(1NOS)**



**ACE CNC JOBBER
XL SPINDLE MT-5 TAPER
(2NOS)**

MANUFACTURING CAPABILITIES- (CYLINDRICAL GRINDERS)



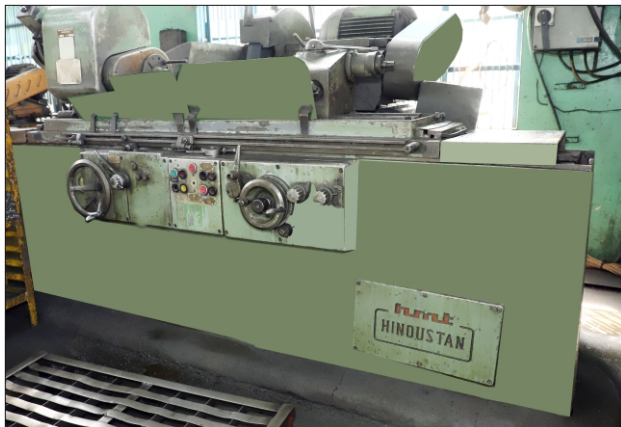
**ACE MICROMATIC GCE 260 X 600 MM
(2 NOS)**



**ACE MICROMATIC GCE 350 X 600 MM
(03 NOS)**



**DANOBAT 350 X 800 MM
(01 NOS)**



**HMT G17 X 800 MM
(2 NOS)**



**PARISHUD GCE 260 X 600 MM
(01 NOS)**



**TOS KAMENICEK 260 X 600 MM
(01 NOS)**

MANUFACTURING CAPABILITIES- (SURFACE GRINDERS)



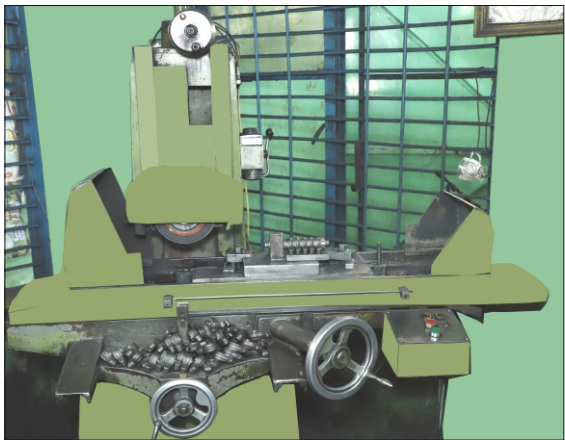
**AVRO MAKE 300 X 1000MM
(1 NOS)**



**BROWN & SHARP 150 X 350 MM
(2 NOS)**



**JONES & SHIPMAN 150 X 350 MM
(1 NOS)**



**AVRO MAKE 200 X 450 MM
(1NOS)**



ABAWERK 200 X 500 MM (1 NOS)



**PRAGA MAKE 200 X 600 MM
(1 NOS)**

MANUFACTURING CAPABILITIES- (DRILL MACHINES)



**PILLAR DRILL MACHINE ()MM
(4 NOS)**



HMT RDM-62 DIA 40 MM



**HMT PILLAR DRILL DIA 40 MM
(1NOS)**



**FIFCO MAKE PILLAR DRILL DIA 25 MM
(5 NOS)**



**FIFCO MAKE BENCH DRILL DIA 16 MM
(22 NOS)**

MANUFACTURING CAPABILITIES - MILLING MACHINES

HORIZONTAL MILLING MACHINES



**HORIZONTAL MILLING MACHINES OF VARIOUS MAKES (BATLIBOI, HMT, IMPORTED)
AND SPECIFICATIONS (14 NOS)**

MANUFACTURING CAPABILITIES - MILLING MACHINES

VERTICAL MILLING MACHINES



TURRET MILLING MACHINES

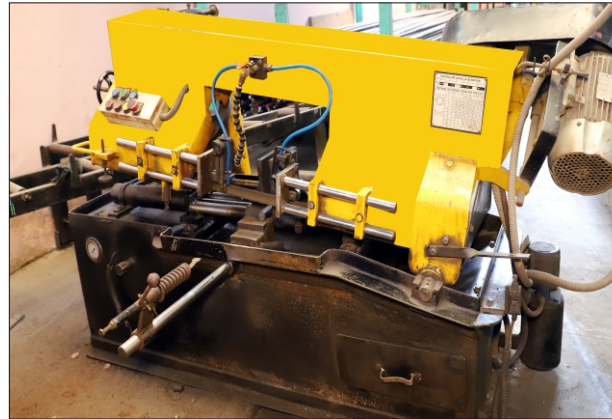


**VERTICAL & TURRET MILLING MACHINES OF VARIOUS MAKES (BATLIBOI, HMT, IMPORTED)
AND SPECIFICATIONS (11 NOS)**

MANUFACTURING CAPABILITIES-(GENERAL MACHINES)



HORIZONTAL HYDRAULIC BROACHING MACHINE 10 T (06 NOS)



HYDRAULIC BANDSAW HEXA (4NOS)



AIR COMPRESSORS OF DIFFERENT CAPACITY (12 NOS)



BOSS MAKE PLC CONTROLLED 60 KW INDUCTION HARDENING SETUP (NOS 2)



TEMPERING FURNACE 200 KG (2NOS)



GAIDU MAKE MIG WELDING SETS (02 NOS)

MANUFACTURING CAPABILITIES-(GENERAL MACHINES)



**CNC ENGRAVING MACHINE
(02 NOS)**



**HYDRO PNEUMATIC PRESS 8 T
(01 NOS)**



**MERCURY PNEUMATIC PRESS 3 T
(01 NOS)**



**CUMMINS CS200 DSP 200KVA GENSET
(NOS 01)**

INVENTORY STORAGE SYSTEM FOLLOWED BY (5-S)

WORK IN PROCESS (WIP)



WIP - CA SHAFT



WIP - CROSS

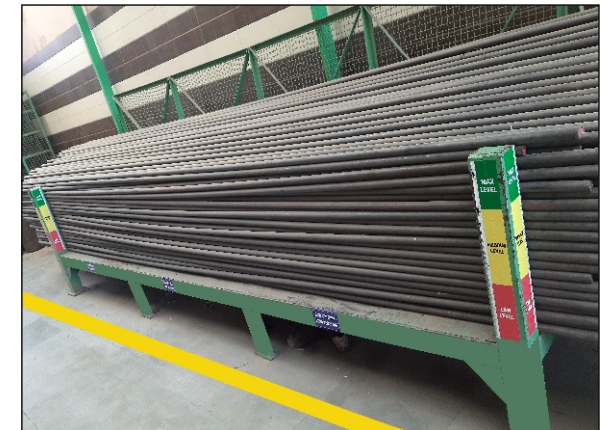


WIP - SUPPORTS



WIP - BP SHAFTS

RAW MATERIAL & FINISHED GOODS



RAW MATERIAL



FORK SHIFTERS - FG

MANUFACTURING CAPABILITIES - MATERIAL TESTING FACILITIES

(I.)		LIST OF QUALITY MEASURING INSTRUMENTS
S.N.	DESCRIPTION	QTY.
1.	VERNIER CALIPERS OF DIFFERENT MAKES & SPECIFICATIONS	12 NOS
2.	MICROMETERS OF DIFFERENT MAKES & SPECIFICATIONS	12 NOS
3.	HEIGHT GAUGES OF DIFFERENT MAKES & SPECIFICATIONS	10 NOS
4.	DIAL GAUGES OF DIFFERENT MAKES & SPECIFICATIONS	10 NOS
5.	BEVEL PROTECTORS OF DIFFERENT MAKES & SPECIFICATIONS	4 NOS
6.	PUPPY DIALS OF DIFFERENT MAKES & SPECIFICATIONS	15 NOS
7.	RADIUS & THREAD GAUGES OF DIFFERENT SETS	5 NOS
8.	RING GAUGES OF DIFFERENT MAKES & SPECIFICATIONS	7 NOS
9.	THREAD PLUG GAUGES OF DIFFERENT MAKES & SPECIFICATIONS	10 NOS
10.	PLAIN PLUG GAUGES OF DIFFERENT MAKES & SPECIFICATIONS	20 NOS
11.	RECEIVING GAUGES AS PER CQS	20 NOS
12.	SNAP GAUGES	30 NOS
13.	PARTHO METER (FINISH CHECKING)	30 NOS
14.	BENCH CENTER	06 NOS
TOTAL		191 NOS

NOTE:

1. All Instruments have Standard Coding System to trace Instrument validation history & Records.
2. We have well qualified quality staff with diploma & ITI holder having 20 years + of experienced in their respective field.



WET TYPE MAGNAFLUX CRACK DETECTION MACHINE (NOS 02)



BLUESTAR MAKE ROCKWELL HARDNESS TESTOR (02 NOS)

ORGANIZATION STRUCTURE & TOOLING STORAGE SYSTEM



MANAGEMENT: HARBHAJAN KAUR (PROPRIETOR) M/s TECHNO SABHARWAL & SAVEYRAJ KAUR (MR) WEW & TECHNO SABHARWAL



ADMINISTRATION DEPARTMENT



QUALITY CONTROL DEPARTMENT



LOGISTICS DEPARTMENT



ALL TOOLING STORAGE DESIGNATED & FOLLOWED BY 5S SYSTEM

Awards & Achievement



Received Quality Systems Appreciation Conferred for acquiring ISO 9001:2000 Certification Presented by Sh.Surinder Singla Finance Minister, Punjab



Received Award of Honour from Fusion Coaching Redefined for Quiz Competition in 2005 organized by Bharat Vikas Parisad, Mohali.

SWARAJ ENGINE & TRACTORS PARTS

SHIFTER FORKS



CA FORK



SHIFTER FORK ORCHERD (SMALL)



NAME REQ.



SHIFTER FORK HILO



SHIFTER FORK II III XM



SHIFTER FORK II



SHIFTER FORK III-IV



CRPTO



SHIFTER FORK IST REVERSE



SHIFTER FORK ORCHERD (BIG)

SWARAJ ENGINE & TRACTORS PARTS



CLUTCH & BRAKE PADEL SHAFT ASSEMBLY



FUEL CONTROL LEVER



THROTTLE LEVER



**THROTTLE SHAFT
ASSY**



ROCKER LEVER ASSY



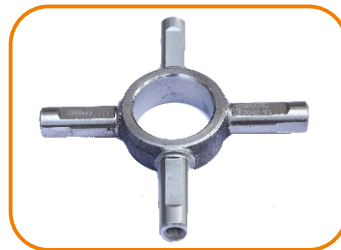
PIVOT PIN



**SUPPORT FOR
INTERMEDIATE GEAR**



CROSS HARD (BIG)



CROSS HARD (SMALL)



CROSS (3 ARMS)



SHIFTER PIN

LOCO DIESEL ENGINE PARTS



VALVE LEVER



VALVE LEVERLIFTER PUSH ROD SEMI FINISHED



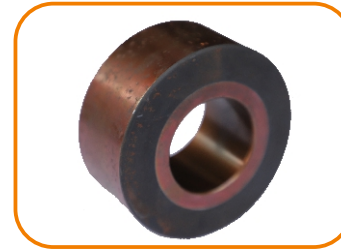
PIN CAM ROLLER



VALVE LEVERLIFTER PUSH ROD FULLY FINISHED



VALVE LEVERLIFTER PUSH ROD SEMI FINISHED



CAM ROLLER



CAM ROLLER



CAM ROLLER



CAM ROLLER



CAM ROLLER

PRODUCTION SHOPS

