



# Simran Tools International

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## Automatic Bolt Making Plants

### a. Automatic High Speed Double Stroke Cold Heading Machines.



- These cold heading machines are fully automatic and easy to operate with little training, fitted with Solid Die to produce blank for Bolts, Screws, Rivets and other similar components. Cut off and knock out mechanism have safety devices that will stop any major accident if any abnormal function occurs in machine.
- A positive knock out provision had been made on the 1<sup>st</sup> and 2<sup>nd</sup> punches to eliminate the possibility of parts sticking to these punches during the operations. The maximum parts of the machines are ground and all the Cames and Rollers from H.C.H.C. ( Hardened & Ground ).
- **Model SIBC-25 & SIBC-30** equipped with Pneumatic Clutch & Automatic Centralized Lubrications systems provides sufficient quantity lubricating to all bearing surface.

### SPECIFICATIONS :

Model No.		SIBC-5	SIBC-10	SIBC-15	SIBC-20	SIBC-25	SIBC-30
Length of Bolt	(MM)	8 – 65	10 – 75	20 – 100	25 – 125	30 – 150	75 - 200
Dia. Of Bolt	(MM)	4 – 8	5 – 10	6 – 12	8 – 16	10 - 20	15 – 25
Output	(Pcs. / Min.)	90 – 100	70 – 75	65 – 70	50 – 55	40 – 45	35 – 40
Main Motor Required	(H.P.)	7.5	10	20	25	30	40
Weight Apprx.	(Kgs)	2700	3800	6500	8500	14000	25000

### b. Automatic Bolt Head Trimming & Shank Reducing Machines.





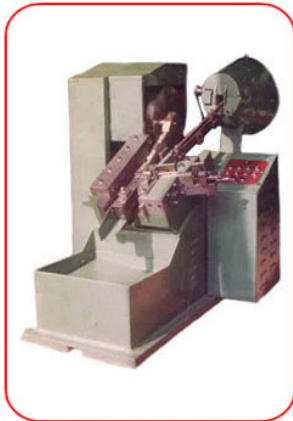
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- These machines are very simple in operation, with latest improved design for mass production and lowest maintenance cost.
- New design knock out system helps to produce flange bolts and reducing the studs.
- The maximum parts of the machines are ground and all the Gages and Rollers from H.C.H.C. (Hardened & Ground).

## SPECIFICATIONS :

Model No.	SIBH-5	SIBH-10	SIBH-15	SIBH-20	SIBH-25	SIBH-30
Length of Bolt (MM)	Upto 65	Upto 75	Upto 100	Upto 125	Upto 150	Upto 200
Dia. Of Bolt (MM)	Upto 8	Upto 10	Upto 12	Upto 16	Upto 20	Upto 25
Output (Pcs. / Min.)	90 – 100	70 – 75	65 – 70	50 – 55	40 – 45	35 –40
Main Motor Required (H.P.)	5	7.5	10	15	20	30
Weight Apprx. (Kgs)	1100	2500	4000	6000	9000	13000

## c. Automatic Thread Rolling Machines



- These machines are designed for mass production and lowest maintenance cost.
- Suitable for threading bolts, automobile parts and other similar components.
- Two flats dies used in these machines, which easily fitted and adjusted.

## SPECIFICATIONS :

Model No.	SIBT-5	SIBT-10	SIBT-15	SIBT-20	SIBT-25	SIBT-30
Length of Bolt (MM)	Upto 65	Upto 75	Upto 100	Upto 125	Upto 150	Upto 200
Dia. Of Bolt (MM)	Upto 8	Upto 10	Upto 12	Upto 16	Upto 20	Upto 25
Output (Pcs. / Min.)	90 – 100	70 – 75	65 – 70	50 – 55	40 – 45	35 - 40
Main Motor Required (H.P.)	5	10	15	20	25	30
Weight Apprx. (Kgs)	1200	2400	3500	4500	7000	12000

**All Specifications are subject to change towards modifications and improvements without any prior notice.**