- WORLD WIDE -Nepal Nigeria U.a.e Canada Bhutan African Countries And Many More.
- Andhra Pradesh Arunachal Pradesh Assam Bihar Chhattisgarh Goa Gujarat

### IN INDIA

Haryana

Jharkhand

Karnataka

Maharashtra

Kerala

- Manipur Himachal Pradesh Meghalaya Mizoram Nagaland Odisha Madhya Pradesh Punjab Rajasthan
- Sikkim Tamil Nadu Telangana Tripura . Uttar Pradesh Uttarakhand West Bengal



Manufacturer of : Semi & Fully Automatic Pet Stretch Blow Moulding Machine

gsmachinery@gmail.com info@gsmachinerys.com

B 011-47572656 011-47022742

Unit 1 A-104, Ground floor, Wazirpur industrial area, (Near Shri Ram Chowk ), New Delhi-**^** 

Unit 2 address- c 471, DSIIDC NARELA INDUSTRIAL AREA NEAR WATER TANK NEW DELHI.







# ABOUT US-

The aspiration to provide every individual with an opportunity to grow in the millennium led to the idea of providing affordable yet quality-based machines to help them run their businesses. To this end, we at GS Machinery, strive to create and nurture a chain of businesses/entrepreneurships and contribute to a robust economic development environment.

From humble beginnings with manufacturing kulfi and rotary based Pet Stretch Blowing Machines in the year 2001, we have come a long way to provide our clientele with a range of manual, semi-automatic and fullyautomatic Pet Stretch Blowing Machines suited to the current needs of the market and are now one of the leading manufactures in Pet Stretch Blowing Machines. Our presences are in pan India and overseas, we have successfully installed 2000+ machines.

We offer our services in various industry segments including Pharmaceuticals, beverages packaging, liquid packaging, confectionary, mineral water packaging, liquor industry and juices & soft drinks, cosmetic, mustard oil, chemical, olive oil, & Hand sanitizer Bottles packaging, etc.....

We have also done a turnkey projects for mineral water plants, juice plants, carbonated soft drink plants. Also give best consultation for their project needs.

> GS Machinery, an ISO 9001:2015 Certified Company













# **Customer Support**

- · Business Model Development Queries,
- Pre-Sales Queries;
- Product Specific Queries;

We at GSM are always ready to cover and extra mile to help our clients with better understanding of the products and their handling as also the nuances of turn-key projects and our product reference in such setups.





# **After - Sales Services**

GS Machinery as a reputed name in the PET Stretch Blowing Machine Segment, makes sure that is not only sells products but also builds trust. To this end, our representatives are just a dial away to provide our clients with any and all product related assistance post sales:

Online Consultation (Audio +Video Calling)
Offline Consultation (Field Visits)

# Training/Capacity Building

In tune with our founder's aspiration, we strive to create a chain of standalone businesses through capacity-building of our clients and providing training related to product operation, handling, maintenance etc.

- In-House Training (At Our Mfg.plant)
- On-Site Training (Through Our Technical Executive)





# Spare Parts -

Our mfg. plants maintain adequate stock of spare parts related to our products, including valves, cylinders, fittings, sealkit, mechanical parts, IR lamp and many more etc. Working towards customer satisfaction, we have a prompt delivery system to provide our clients with the required spares as and when they need. This not only saves important time but also provides the customer with a "one-stop shop" experience.



# Infrastructure

With an state and art of we have two manufacturing plants in delhi with a CNC, VMC lathe surfacing and grinding machines etc., machines for manufacturing a quality products. We have in-house mould manufacturing department for better quality and consistency. Our unit is managed by a team of expert professionals, which has rich experience in this domain. They use all the available resources for producing a qualitative range of products as per customer's requirements.

We are aided by a fully – integrated and top notch Infrastructure facility, which is laced with the modern machines and tools. It enables us to develop quality adhering array of product in bulk quantity. Moreover, it facilities quality testing of our range of pet plastic bottles ,to make sure that these meet the global quality norms, to assure that all the processes run smoothly , we have separated our infrastructure into departments such as manufacturing quality, R&D ,customer care, store room etc



# **Product Gallery**



# **Product Gallery**



Fully Automatic Pet Blowing Auto Loader Machine.



# Semi Automatic Pet Blowing Machine



Automatic Manual Preform Loading Pet Blowing Machine



Fully Automatic With Auto Loader Pet Blowing Machine



Semi Automatic Pet Blowing L.R Heater





Automatic Manual Preform Loading Pet Blowing Machine

# Fully Automatic Autoloader Series & Automatic Manual Preform Loading Series

SALIENT FEATURES FOR OUR AUTOMATIC PET BLOWING MACHINES

1. Fully Pneumatic Operation to ensure higher production rate and low cost

maintenancerequirements.

- 2. Cost savings and easy maintenance.
- 3. Fully Pneumatic cylinders takes advantages of the low friction.
- 4. It can provide an advantage with unmatched response and cycle times.
- 5. Pneumatic cylinders complete its cycles faster and smoothly as per the given command.
- 6. The transfer of power and the speed is very easy to set up. Air could move at speeds that can

beadjusted from low to high.

7. Advanced Plc microcontroller Based with user friendly touch screen interface (mould

memory, Error Memory, password protection option).

- 8. Precise heating system using heating power adjustable in increment by 1% to 99%.
- 9. Consistent production and Repeatability.
- 10. Alarms for safety features.
- 11. Predictive maintainence Indicator
- 12. Auto lubricating system.

**Optional features** 

Air Recovery system (saves low pressure air up to 30-40%)

**Auto Fault Detection** 

Mobile based application, connect with machine for Real time data.

**Online UPS system** 

Hopper Autoloader Facility & Online Attachment Direct to filling line...And many more.

# Fully Automatic Auto Loader Series & Automatic Manual Preform Loading Series.

S. NO.	SPECIFICATION	UNIT	2 CAVITY
1.	PRODUCTION VOLUME	ML	100-2000
2.	PRODUCTION CAPACITY	BPH	1800-2000
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	35
6.	AIR CONSUMPTION HIGH	CFM	45
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	2
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	28-53
11. 01	OPERATING		PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	32
	RUNNING LOAD	KW	15
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	2625
15.	HEIGHT	MM	2025
16.	WIDTH	MM	1600
17.	WEIGHT	KG	2200

S. NO.	SPECIFICATION	UNIT	2 CAVITY
1.	PRODUCTION VOLUME	ML	100-1000
2.	PRODUCTION CAPACITY	BPH	1800-2000
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	35
6.	AIR CONSUMPTION HIGH	CFM	45
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	2
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING		PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	32
1995	RUNNING LOAD	KW	15
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	2625
15.	HEIGHT	MM	2025
16.	WIDTH	MM	1600
17.	WEIGHT	KG	2000
ALL DOT NOT THE OWNER.			

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# Fully Automatic Autoloader Series & Automatic Manual Preform Loading Series.

S. NO.	SPECIFICATION	UNIT	4 CAVITY
1.	PRODUCTION VOLUME	ML	100-1000
2.	PRODUCTION CAPACITY	BPH	3200-3600
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	55
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	4
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING	A LANG	PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	42
1	RUNNING LOAD	KW	22
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	3750
15.	HEIGHT	ММ	2025
16.	WIDTH	MM	1600
17.	WEIGHT	KG	2800

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S. NO.	SPECIFICATION	UNIT	4 CAVITY
1.	PRODUCTION VOLUME	ML	100-1000
2.	PRODUCTION CAPACITY	BPH	4400-4800
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25-30
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	55
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	4
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING		PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	42
212	RUNNING LOAD	KW	22
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	3750
15.	HEIGHT	MM	2025
16.	WIDTH	MM	1600
17.	WEIGHT	KG	2800

1. 2. 3. 4.	PRODUCTION VOLUME PRODUCTION CAPACITY	ML BPH	20-300ml
3.	PRODUCTION CAPACITY	BPH	6000
			6000
4.	WOR KING AIR PRESSURE	Bar/Kg	10
	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	55
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	6
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	36
an 117/4	RUNNING LOAD	KW	14
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	3675
15.	HEIGHT	MM	1900
16.	WIDTH	MM	1600
17.	WEIGHT	KG	3200
	WEIGHT		5200
S. NO.	SPECIFICATION	UNIT	6 CAVITY
1.	PRODUCTION VOLUME	ML	100-1000 n
2.	PRODUCTION CAPACITY	BPH	6000-6600
3.	WOR KING AIR PRESSURE	Bar/Kg	10
	BLOWING AIR PRESSURE	Bar/Kg	25-30
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	150
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	6
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING		PNEUMATIC
12.	HEATER CONNECTION LOAD	KW	36
- 1	RUNNING LOAD	KW	14
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	3675
15.	HEIGHT	MM	1900
16.	WIDTH	MM	1600
17.	WEIGHT	KG	3200
17.			5200
S. NO.	SPECIFICATION	UNIT	6 CAVITY
1.	PRODUCTION VOLUME	ML	50-750ml
2.	PRODUCTION CAPACITY	BPH	5500-6000
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	90
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	6
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING		PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	36
	RUNNING LOAD	KW	14
13.	HEATER TYPE		INFRARED
13.	LENGTH	MM	3675
15.	HEIGHT		1900
15.	WIDTH	MM	1600
10.		101101	1000

# **Fully Automatic Autoloader Series & Automatic** Manual Preform Loading Series.

S. NO.	SPECIFICATION	UNIT	4 CAVITY
1.	PRODUCTION VOLUME	ML	20-300
2.	PRODUCTION CAPACITY	BPH	3600
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	55
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	4
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING	KW	PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	18
200	RUNNING LOAD		8
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	2850
15.	HEIGHT	MM	2000
16.	WIDTH	MM	1600
17.	WEIGHT	KG	2800

S. NO.	SPECIFICATION	UNIT	4 CAVITY
1.	PRODUCTION VOLUME	ML	50-800ml
2.	PRODUCTION CAPACITY	BPH	3200-3600
3.	WOR KING AIR PRESSURE	Bar/Kg	10
4.	BLOWING AIR PRESSURE	Bar/Kg	25
5.	AIR CONSUMPTION LOW	CFM	55
6.	AIR CONSUMPTION HIGH	CFM	55
7.	MAX. MOULD OPENING STROKE	MM	110
8.	MOULD CAVITY NO.	NO.	4
9.	MOULD THICKNESS	MM	160
10.	NECK DIAMETER	MM	19-28
11.	OPERATING		PNEUMATICS
12.	HEATER CONNECTION LOAD	KW	32
	RUNNING LOAD	KW	15
13.	HEATER TYPE		INFRARED
14.	LENGTH	MM	3250
15.	HEIGHT	MM	2025
16.	WIDTH	MM	1625
17.	WEIGHT	KG	2800

# **SALIENT FEATURES:**

- Manual feeding of two preforms into the infrared convey of device for heating.
- Easy and safe to operate.
- Lower power consumption.
- Use of the best spare parts from renowned manufactures like mercury, ultra etc., ensures best product quality.
- Easy change of the mould.
- Programmable process control by PLC.
- UPS Pack Up System (To control the rejection while light goes off)

S.No.	SPECIFICATION/MODEL NAME	2 cavity 01 Ltr. Machine (manual)
1.	Production Volume	10ML-1Ltr.
2.	Production Capacity PCs/Hr	800-900 Bottles Per Hour
3.	Working Air Pressure BAR/Kg/Cm2	08-10 Kg
4.	Blowing Air Pressure BAR/Kg/Cm2	18-22Kg
5.	Clamping Force (locking) Ton	4
6.	Air Consumption	50 CFM
7.	Tie Bar Distance mm	275
8.	Max Mould Opening Stroke	130
9.	Air Compressor H.P.	20 HP
10.	Mould Cavity No.	2
11.	Mould Thickness mm	140
12.	Neck Diameter	16/46 mm
13.	Operation	Hydro/Pneu
14.	Staff Required	2 person
15.	Area Required	Approx. 2 mtr.
16.	Heater Power	Min.4-10 Kw
17.	Machine Weight	1500 Kg
18.	Heater Type	Infrared Conveyer
19.	Clamping Stroke	150
20.	For Utility	5 Mtr <sub>2</sub>

# **SALIENT FEATURES:**

- Manual feeding of two preforms into the infrared convey of device for heating.
- Easy and safe to operate.
- · Lower power consumption.
- Use of the best spare parts from renowned manufactures like mercury, ultra etc., ensures best product quality.
- Easy change of the mould.
- Programmable process control by PLC.
- UPS Pack Up System (To control the rejection while light goes off)

# **SALIENT FEATURES:**

- Manual feeding of two preforms into the infrared convey of device for heating.
- Easy and safe to operate.
- · Lower power consumption.
- Use of the best spare parts from renowned manufactures like mercury, ultra etc., ensures best product quality.
- Easy change of the mould.
- Programmable process control by PLC.
- UPS Pack Up System (To control the rejection while light goes off)

S.No.	SPECIFICATION/MODEL NAME	AUTO DROPS 2 Cavity 1 Ltr.
1.	Production Volume	50ML-1Ltr.
2.	Production Capacity PCs/Hr	1000-1300
3.	Working Air Pressure BAR/Kg/Cm2	10-12 Kg
4.	Blowing Air Pressure BAR/Kg/Cm2	18-22Kg
5.	Clamping Force (locking) Ton	8
6.	Air Consumption	50 CFM
7.	Tie Bar Distance mm	390
8.	Max Mould Opening Stroke	190
9.	Air Compressor H.P.	20 HP
10.	Mould Cavity No.	2
11.	Mould Thickness mm	140
12.	Neck Diameter	16/46 mm
13.	Operation	Hydro/Pneu
14.	Staff Required	2 person
15.	Area Required	Approx. 3 mtr.
16.	Heater Power	3-10 Kw
17.	Machine Weight	750 Kg
18.	Heater Type	Infrared Conveyer
19.	Clamping Stroke	200
20.	For Utility	7 Mtr2

S.No.	SPECIFICATION/MODEL NAME	AUTO DROPS 2 Cavity 2 Ltr.
1.	Production Volume	50ML-2Ltr.
2.	Production Capacity PCs/Hr	1000-1300
3.	Working Air Pressure BAR/Kg/Cm2	10-12 Kg
4.	Blowing Air Pressure BAR/Kg/Cm2	18-26Kg
5.	Clamping Force (locking) Ton	8
6.	Air Consumption	50 CFM
7.	Tie Bar Distance mm	320
8.	Max Mould Opening Stroke	190
9.	Air Compressor H.P.	20 HP
10.	Mould Cavity No.	2
11.	Mould Thickness mm	140-150
12.	Neck Diameter	19/46 mm
13.	Operation	Hydro/Pneu
14.	Staff Required	2 person
15.	Area Required	Approx. 6 mtr.
16.	Heater Power	3-10 Kw
17.	Machine Weight	900 Kg
18.	Heater Type	Infrared Conveyer
19.	Clamping Stroke	250
20.	For Utility	10 Mtr2

# **SALIENT FEATURES:**

- Manual feeding of two preforms into the infrared convey of device for heating.
- Easy and safe to operate.
- Lower power consumption.
- Use of the best spare parts from renowned manufactures like mercury, ultra etc.,
- ensures best product quality.
- Easy change of the mould.
- Programmable process control by PLC.
- UPS Pack Up System (To control the rejection while light goes off)

S.No.	SPECIFICATION/MODEL NAME	(Semi Manual) 2 Cavity 2 Ltr.
21.	Production Volume	25ML-2Ltr.
22.	Production Capacity PCs/Hr	700-900
23.	Working Air Pressure BAR/Kg/Cm2	10-12 Kg
24.	Blowing Air Pressure BAR/Kg/Cm2	18-26Kg
25.	Clamping Force (locking) Ton	8
26.	Air Consumption	50 CFM
27.	Tie Bar Distance mm	320
28.	Max Mould Opening Stroke	190
29.	Air Compressor H.P.	20 HP
30.	Mould Cavity No.	2
31.	Mould Thickness mm	140-150
32.	Neck Diameter	19/46 mm
33.	Operation	Hydro/Pneu
34.	Staff Required	2 person
35.	Area Required	Approx. 6 mtr.
36.	Heater Power	3-10 Kw
37.	Machine Weight	900 Kg
38.	Heater Type	Infrared Conveyer
39.	Clamping Stroke	200
40.	For Utility	10 Mtr 2
No.		LAND CIE

# **SALIENT FEATURES:**

Manual feeding of two preforms into the infrared convey or device for preheating. Easy and safe to operate. Lower power consumption. Use of the best spare parts from renowned manufactures like mercury, ultra etc., ensures best product quality. Easy change of the mould. Programmable process control by PLC. ATC (Auto Temperature Comptroller) maintained by PID controller for uniform heating to minimize the rejections

S.No.	SPECIFICATION/MODEL NAME	200ml - 5Ltr/8Ltr. Machine
1.	Production Volume	200ML-5Ltr.
2.	Production Capacity PCs/Hr	400-700 JPH / 800-900 BPH
3.	Working Air Pressure BAR/Kg/Cm2	10-12 Kg
4.	Blowing Air Pressure BAR/Kg/Cm2	18-26Kg
5.	Clamping Force (locking) Ton	8
6.	Air Consumption	50-55 CFM
7.	Tie Bar Distance mm	350
8.	Max Mould Opening Stroke	240
9.	Air Compressor H.P.	20 HP
10.	Mould Cavity No.	2/1
11.	Mould Thickness mm	180-250
12.	Neck Diameter	28/130 mm
13.	Operation	Hydro/Pneu
14.	Staff Required	2 person
15.	Area Required	Approx. 3 mtr.
16.	Heater Power	Min. 3-10 Kw
17.	Machine Weight	1000 Kg
18.	Heater Type	Infrared Conveyer
19.	Clamping Stroke	2550
20.	For Utility	10 Mtr 2



# **Fully Semi- Automatic Autodrop Model Series**

# **SALIENT FEATURES:**

Manual feeding of two preforms into the infrared convey of device for heating.

Easy and safe to operate.

Lower power consumption.

Use of the best spare parts from renowned manufactures like mercury, ultra etc.,

ensures best product quality.

Easy change of the mould.

Programmable process control by PLC.

UPS Pack Up System (To control the rejection while light goes off)

S.No.	SPECIFICATION/MODEL NAME	4 CAVITY (Auto Drop)
1.	Production Volume	25ml -1 Ltr.
2.	Production Capacity PCs/Hr	1600-2200
3.	Working Air Pressure BAR/Kg/Cm2	10-12 Kg
4.	Blowing Air Pressure BAR/Kg/Cm2	18-26Kg
5.	Clamping Force (locking) Ton	8
6.	Air Consumption	70 CFM
7.	Tie Bar Distance mm	450
8.	Max Mould Opening Stroke	190
9.	Air Compressor H.P.	25 HP
10.	Mould Cavity No.	4
11.	Mould Thickness mm	140-150
12.	Neck Diameter	16 - 32 mm
13.	Operation	Hydro/Pneu
14.	Staff Required	2 person
15.	Area Required	Approx. 3 mtr.
16.	Heater Power	Min. 3-10 Kw
17.	Machine Weight	1000 Kg
18.	Heater Type	Infrared Conveyer
19.	Clamping Stroke	200
20.	For Utility	20 Mtr 2
1000		

# **SALIENT FEATURES:**

Manual feeding of two preforms into the infrared convey of device for heating. Easy and safe to operate. Lower power consumption. Use of the best spare parts from renowned manufactures like mercury, ultra etc., ensures best product quality. Easy change of the mould. Programmable process control by PLC. UPS Pack Up System (To control the rejection while light goes off)

S.No.	SPECIFICATION/MODEL NAME	20 Ltr. Machine
1.	Volume RANGE	10 Ltr - 20 Ltr.
2.	Production Capacity PCs/Hr	90-200 Jars Per Hours
3.	Working Air Pressure Kg/Cm2	10-14
4.	Blowing Air Pressure Kg/Cm2	24-28Kg
5.	Clamping Force (locking) Ton	20
6.	Air Consumption	55 CFM
7.	Tie Bar Distance mm	450
8.	Max Mould Opening Stroke	350
9.	Air Compressor H.P.	20 HP
10.	Mould Cavity No.	1
11.	Mould Thickness mm	250-350
12.	Neck Diameter	46 / 130 mm
13.	Operation	Hydro/Pneu
14.	Staff Required	2 person
15.	Area Required	Approx. 12 mtr.
16.	Heater Power	25 Kw
17.	Machine Weight	3500 Kg
18.	Heater Type	Infrared Conveyer
19.	Clamping Stroke	350
20.	For Utility	15 Mtr 2
100.000		