



JAGMOHAN
PLA MACH PVT. LTD.



**“INDEED MIND
BLOW MOULDING,,**



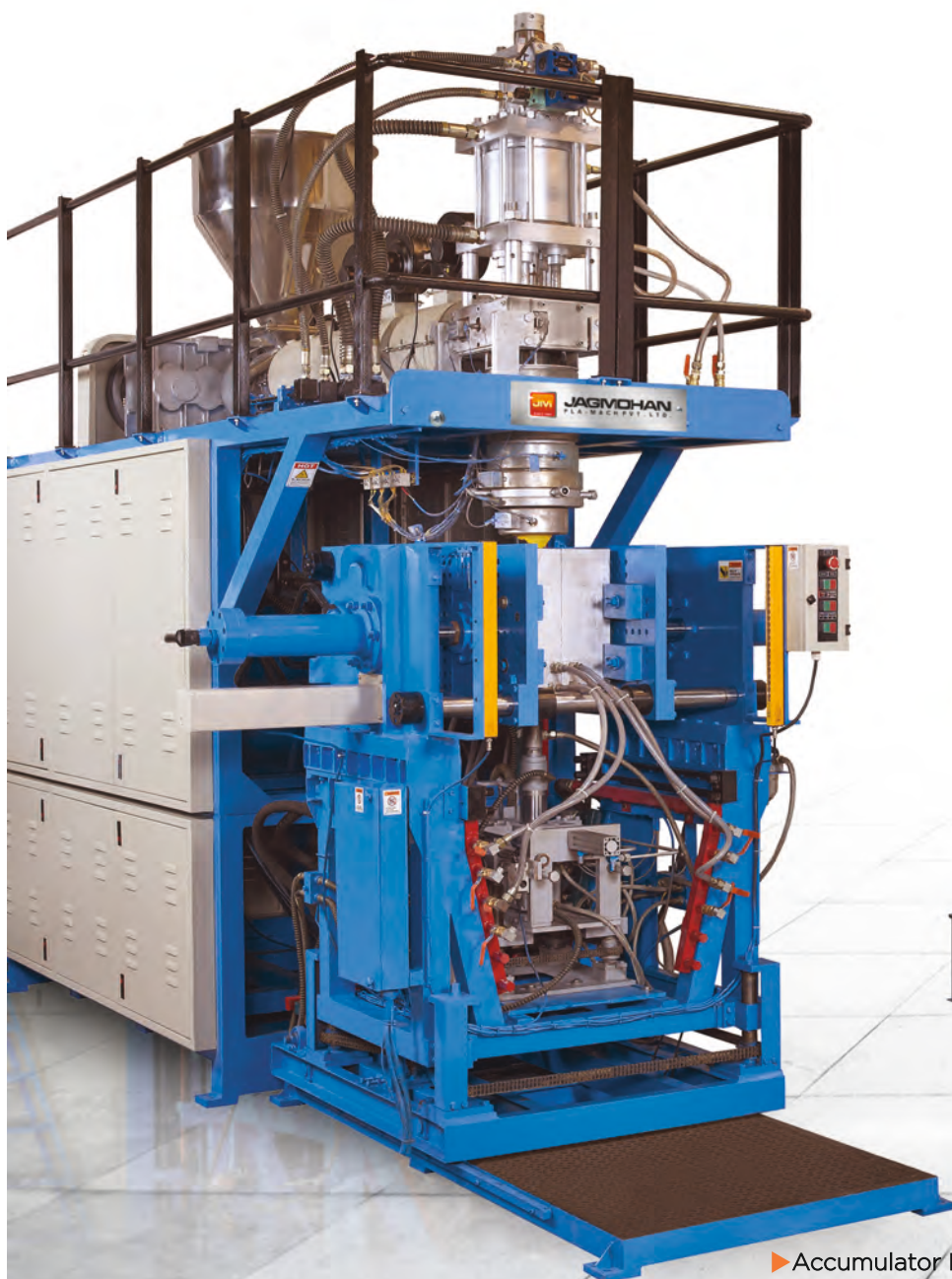
**PLASTIC AUTOMATIC
EXTRUSION BLOW MOULDING
AND IBM MACHINE
RANGING FROM : 5ML - 5000 LTR**



www.jagmohan.com

ISO 9001:2015
Certified Company

45 Years
of Distinction



► Accumulator Parison Series



Continuous Parison Series ►

REDEFINING FUTURE WITH POLYMERS

Research has always been the driving force behind JAGMOHAN'S manufacturing process. We believe in the idea of continuing to work on present possibilities to redefine the future of polymers.

Being a renowned brand of Plastic Extrusion Blow Moulding Machines, JAGMOHAN leaves no stone unturned to do what it takes to make a difference.

Mfg & Exporter of Fully **Plastic Automatic Extrusion Blow Moulding and IBM Machine**
Ranging from: 5 ML - 5000 LTR

Export to
more than
64
Countries



▶ Auto Deflashing Series



▶ Injection Blow Moulding Series (IBM)

“We do not believe in ‘What ifs’ but strive for ‘What’s next’. Our vision is to think unique, chase perfection and deliver nothing else but best to move forward with the future”

|| Mr. Jagdish H. Shah, Chairman ||

|| Mr. Nikunj J. Shah, CEO & Managing Director ||

RECOGNITION AND REWARDS

Achieve through honesty and integrity

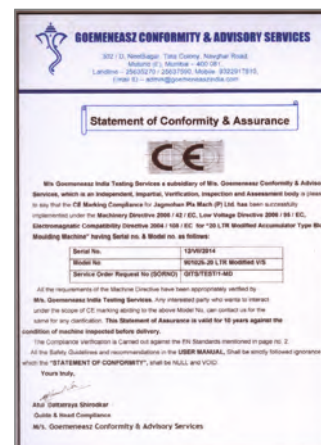
We have made an impression on the minds of many; we have always been felicitated with titles, rewards, awards and prestigious mentions. And thus, we are only happy to share these special moments with everyone who matter to us.

Honoured with Life Time Achievement Award

Mr, Jagdish Shah, Chairman
for his contribution to the
Plastic Blow Moulding Industry...



The Economic Times Recognizes
JAGMOHAN PLA MACH PVT LTD
as **THE BEST BRAND OF 2019**
under the category of
Extrusion Blow Moulding Machines



INDIA'S LARGEST BLOW MOULDING MANUFACTURING FACILITY

AN INDIAN IDEA OF BIG THINGS

If size does matter, this is an idea, which spreads across **2,00,000 Sqft (Unit 1 and Unit 2) 18,500 Sqmtr.** to manufacture the largest, the finest blow moulding machines. A choice of millions, JAGMOHAN stands tall to serve better.

Every machine passes through stringent quality checks for its robustness, reliability and simple yet sturdy assembling for a low-cost maintenance. This process ensures that every product that leaves the plant's premise bears the **JAGMOHAN** mark of excellence. We further customize products based upon specific client requirements and project specifics. This unique quality makes us a preferred choice amongst a host of customers, both in India and abroad.



**More than
6000+**
Machines Installed





WE ARE A SINGLE UNIFYING FORCE OF **INSIGHT,** **INTELLIGENCE &** **INNOVATION**

We are at the core of manufacturing hi-tech machines to provide solutions, which meet increasingly complex demands. We are engineering our way to a better world. Our machines are changing the limits of what is possible and leading us to create new dimensions. Our machines are designed, produced and tested to make our products meet high standards. We believe in the power of working in harmony to solve previously impossible engineering problems. All it takes is the single unifying force of insight, intelligence and innovation to do the unthinkable.



OUR OEM

Quality comes with qualified OEMs, our machines equipped with best qualified OEMs from the world...



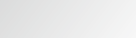
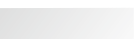
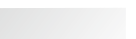
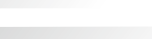
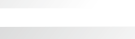
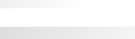
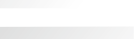
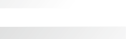
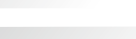
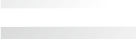
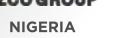
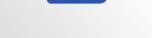
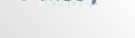
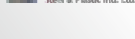
OUR CLIENTS ARE OUR MILESTONES

Quality is the result of demand and processes, which need to be followed to strengthen the relationship, we have been maintaining with our valuable clients.

DOMESTIC CLIENTS



INTERNATIONAL CLIENTS

 U.A.E	 GHANA	 NIGERIA	 NIGERIA	 IVORY COAST	 KENYA	 UGANDA
 U.A.E	 UGANDA	 U.A.E.	 KENYA	 ZIMBABWE	 GHANA	 MOZAMBIQUE
 U.A.E.	 NIGERIA	 TANZANIA	 KENYA	 UGANDA	 NEPAL	 KUWAIT
 UGANDA	 NEPAL	 ETHIOPIA	 BURUNDI	 ALGERIA	 KENYA	 NEPAL
 NIGERIA	 KENYA	 NIGERIA	 MOZAMBIQUE	 NIGERIA	 NIGERIA	 RWANDA
 TANZANIA	 EGYPT	 SAUDI ARABIA	 KENYA	 GHANA	 ETHIOPIA	 TANZANIA
 IVORY COAST	 GHANA	 ZAMBIA	 SUDAN	 NIGERIA	 NIGERIA	 CONGO
 SIERRA LEONE	 UKRAINE	 SIERRA LEONE	 U.A.E.	 NEPAL	 U.A.E	 USA
 ITALY	 NIGERIA	 U.A.E	 GUINEA	 NIGERIA	 THAILAND	 SIERRA LEONE
 SYRIA	 ETHIOPIA	 KENYA	 NIGERIA	 GHANA	 SUDAN	 and many more...

- Armenia • Afghanistan • Algeria • Armenia • Australia • Angola • Bangladesh • Burkina Faso
- Benin • Burundi • Bahrain • Cameroon • Congo • Egypt • Ethiopia • Guinea • Gambia • Ghana
- Indonesia • Italy • Iran • Ivory Coast • Jordan • Kenya • South Korea • Kuwait • Lebanon
- Liberia • Malaysia • Mali • Madagascar • Malawi • Mexico • Morocco • Mozambique • Mauritius
- Nigeria • Pakistan • Philippines • Rwanda • Oman • Qatar • South Africa • Somalia • Saudi Arabia
- Senegal • Sierra Leone • Sri Lanka • Sudan • Syria • Turkey • Taiwan • Tanzania • Thailand
- Togo • U.A.E. • USA • Nepal • Nigeria • Uganda • Ukraine • Vietnam • Yeman • Zambia • Zimbabwe



Overseas

Sales & Services

- Africa
- Middle East
- South East Asia
- Latin America
- Europe
- USA

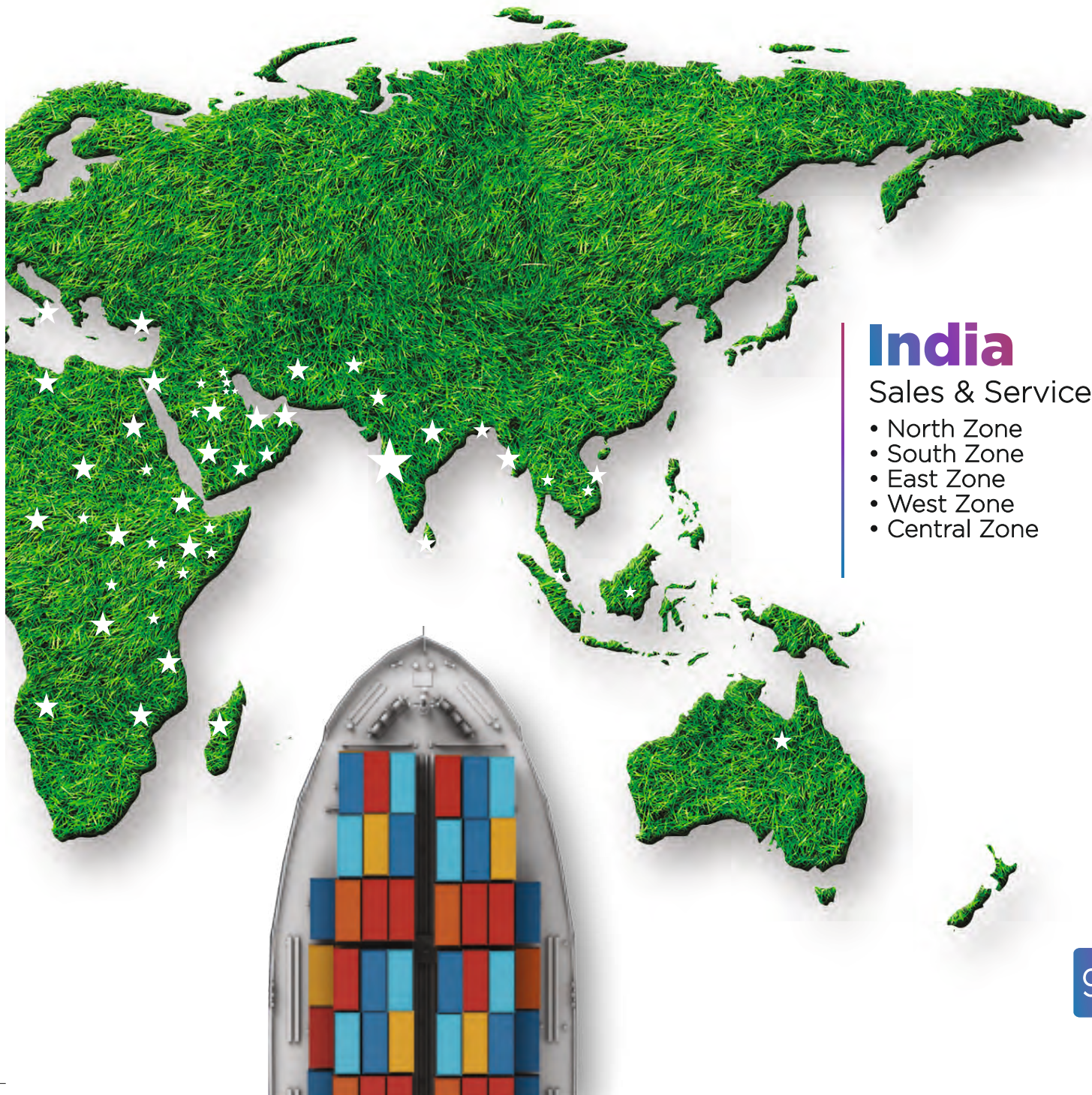
Export to
More than

64

Countries and
Counting...

A DIVERSIFIED GLOBAL FOOTPRINTS

The eagerness to provide customized solutions for the Plastic Blow Moulding Industry as well as trunk projects saw a steep rise. The numbers grew rapidly & so did the countries of export. Soon the stage was set to be a global leader trusted for its product and services. Today, the company exports machines of varied range of nature to over 64 countries. The road is ready for greater accomplishments!



India

Sales & Services

- North Zone
- South Zone
- East Zone
- West Zone
- Central Zone

1980

Rolled out our
First EBM in Mumbai

1987

Entered the world
market with its first
EBM export to Kenya

1992

Indigenously developed
INDIA'S first 200 liters
EBM

1993

Developed INDIA'S first
Double Layer Co-extrusion
100 liters EBM

2008

First 1000 litre capacity
Double Layer Machine for
water tanks ; 1st time in India

2001

Developed and Exported
INDIA's first Double Station
20 liter EBM to Sri Lanka

2009

Introduced INDIA's first
6 Layered EBM for
food applications

2013

Entered Europe, Exported
2000 liter EBM to Italy

2016

Rolled out our
Fully Automatic
Deflashing Series -
Multi Layer, Multi Cavity

2010

Set up INDIA's largest manufacturing
facility for EBM at Asangaon covering
an area of 1,50,000 sq.ft

2019

Launched IBM
Injection Blow
Moulding Machine
• Export 1st Machine
in California, USA

JOURNEY
Begins in
1980

2023

Launchedpad for
New Rapid Series
Economical Rotary Cutter Series
& IBM - Hybrid Series

A JOURNEY OF EXTRAORDINARY BRILLIANCE

SETTING BENCHMARKS WITH AN INNOVATIVE PRODUCT RANGE

Different models of Extrusion Blow Moulding Machines for you to choose...

13-20

Continuous Parison Series

- Single Station / Double Station
- Double Station-Rotary
- Single and Double Station-Triple Layer

200 ML - 5000 ML

21-34

Accumulator & Co-Extrusion Parison Series

- Single Station / Single Layer Series
- Single Station / Double Layer Series
- Single Station / Triple Layer Series
- Single Station Rapid Series / Single & Triple Layer
- Double Station / Single Layer Series
- Double Station / Triple Layer Series

10 LTR - 200 LTR

35-36

Industrial Barrel Series

- L Ring up 3 Layers

100 LTR - 250 LTR

37-38

Water Tank

- Up to 8 Layers

500 LTR - 5000 LTR

39-40

IBC

- Up to 3 Layers

1000 LTR

41-44

Custom Made Series

Modified as per applications

45-56

Auto Deflashing Series

- Double Station / Single Layer Series
- Double Station / Double Layer Series
- Double Station / Triple Layer Series
- Double Station / Four to Six Layer Series
- FS Series • FD Series

200 ML - 30 LTR

57-62

IBM Series

- European Type
- Hybrid Type

5ML - 1000 ML

63-64

Mould Designs

- Blow Moulds, Injection Mould & Deflashing Moulds

65-66

Optional Features & Ancillaries

- For Blow Moulding Machines

11-12

Continuous Parison Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 5000 ML
Single Station Series (SS)

**Single
Station
Series**

Applications

- Cosmetics • Lubricants
- Edible Oil • Pharma • Toys
- FMCG • Agriculture • Household
- Pesticide • Irrigation Solution

Salient Features

- High production speed and with excellent reliability
- Reduced energy consumption and noise level
- Easy to set work parameters
- Easy for set up and maintenance
- Possibility of using environmental friendly lubricants

Optional Features :

Multi Head

Multi Colour

Multi Layer

In Mould Labeling

Multi Point Parison

View Strip

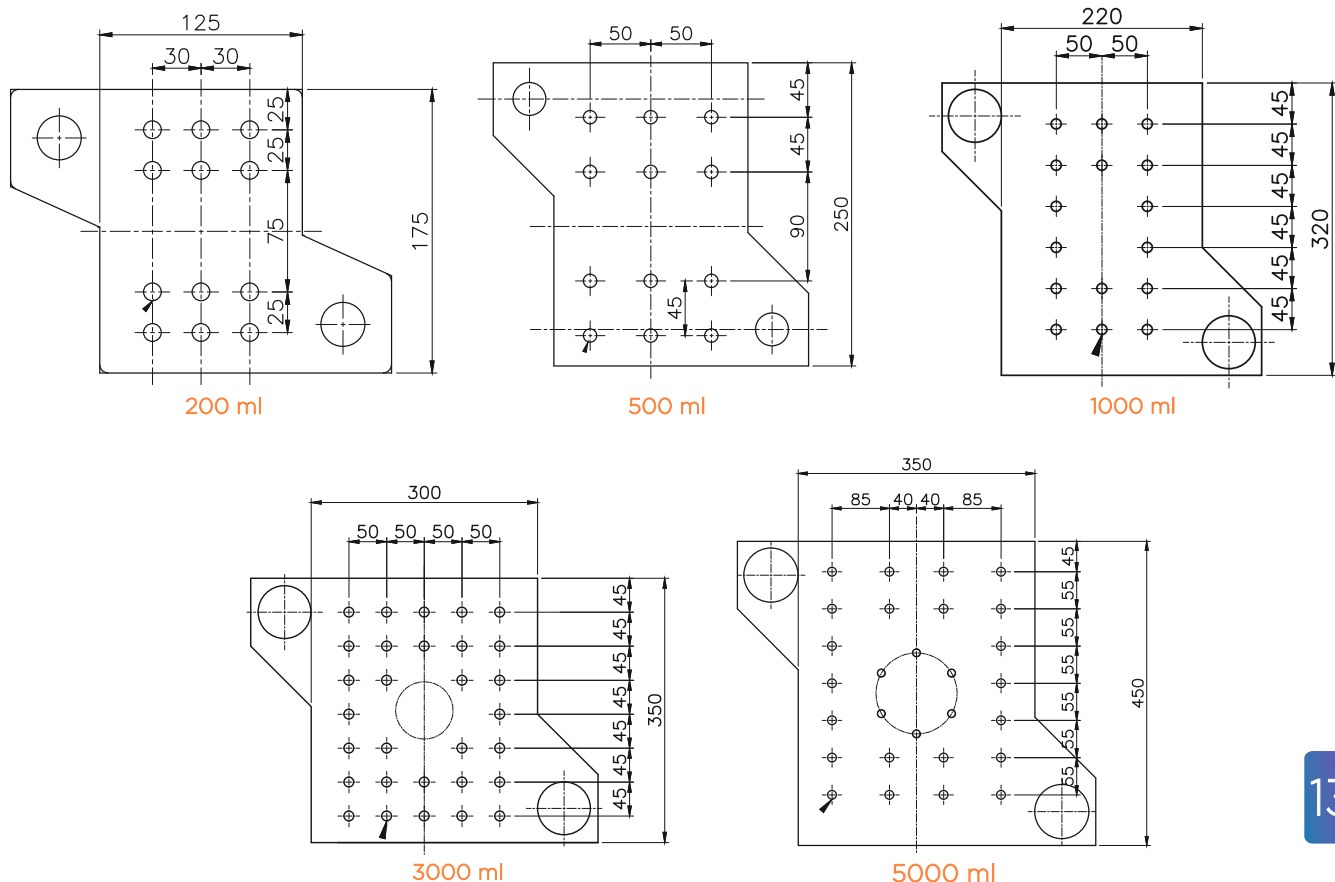


Technical Specification : Single Station Series (SS) 200 ML - 5000 ML

MACHINE CAPACITY	UNIT	JM-200/SS	JM-500/SS	JM-1000/SS	JM-3000/SS	JM-5000/SS
EXTRUDER :						
Screw Diameter	MM	35	40	45	50	65
Length Diameter Ratio	L/D	22	22	22	22	22
Maximum plasticizing capacity	KG / HR	8 - 10	12 - 15	16 - 20	25 - 28	45 - 50
Extruder Motor (Variable)	HP	3	5	7.5	10	15
Heating Load	KW	3.0	4.2	5.6	8	10.5
Maximum Screw Speed	RPM	50	50	50	50	50
CONTINUOUS PARISON HEAD						
Heating Load	KW	2.0	2.0	4.5	5.8	8.4
Parison Control cylinder	DIA	3	3	3	3	5
Die core size (Min. /Max.)	MM	5 / 30	5 / 40	20 / 90	20 / 110	60 / 160
Double Head Center Distance (if required)	MM	70	70	100	125	160
MOULD CLAMPING UNIT						
Maximum Opening	MM	250	300	355	465	510
Minimum Opening	MM	150	150	150	155	155
Maximum Mold Size- (W x H)	MM	125 x 175	150 x 250	220 x 320	300 x 350	350 x 450
Mould Clamping Force	TONE	1	1	2	5	8
HYDRAULIC SYSTEM						
Hydraulic Drive Motor	HP	3	5	5	7.5	10
Oil Tank Capacity	LTR	90	150	150	190	240
Production Rate	PCS / HR	330 - 360 of 15gm	250 - 300 of 30gm	220 - 240 of 60gm	160 - 180 of 120gm	130 - 135 of 220gm
Delivery Period	WEEKS	6	6	6	6	7
Total Power	HP / KW	13 / 10	18 / 13	29 / 22	36 / 27	51 / 38
MACHINE INSTALLATION						
Machine Dimensions (L x W x H)	FEET	7.2 x 5 x 6.3	8 x 4.8 X 6.8	8.2 x 5.5 x 7.5	11 x 7 x 8	11.7 x 7 x 8.5

Specification are indicative and subject to change without notice.

Platen Drawings : Single Station Series (SS)



Continuous Parison Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 5000 ML
Double Station Series (DS)

**Double
Station
Series**

Applications

- Cosmetics • Lubricants
- Edible Oil • Pharma • Toys
- FMCG • Agriculture • Household
- Pesticide • Irrigation Solution

Salient Features

- High production speed and with excellent reliability
- Reduced energy consumption and noise level
- Easy to set work parameters
- Easy for set up and maintenance
- Possibility of using environmental friendly lubricants

Optional Features

Multi Head

Multi Colour

Multi Layer

In Mould Labeling

Multi Point Parison

View Strip

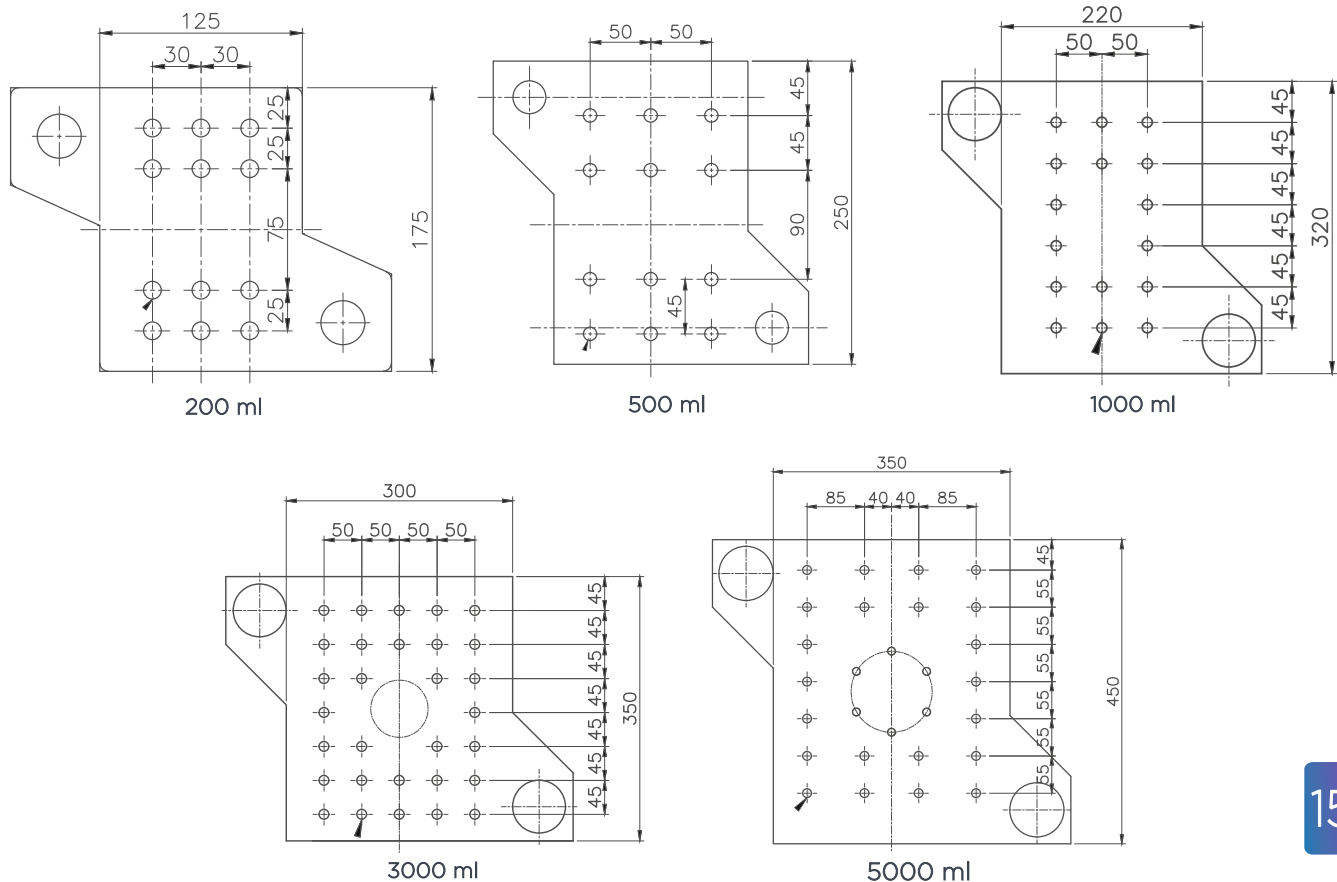


Technical Specification : Double Station Series (DS) 200 ML - 5000 ML

MACHINE CAPACITY	UNIT	JM-200/DS	JM-500/DS	JM-1000/DS	JM-3000/DS	JM-5000/DS
EXTRUDER :						
Screw Diameter	MM	40	50	55	65	90
Length Diameter Ratio	L/D	22	22	22	22	22
Maximum Plasticizing Capacity	KG / HR	12 - 15	20- 25	30-35	45-50	90-100
Extruder Motor (Variable)	HP	5	10	10	15	30
Heating Load	KW	4.2	4.2	8	10.5	20
Maximum Screw Speed	RPM	50	50	50	50	50
CONTINUOUS PARISON HEAD						
Heating Load	KW	2.0	2.0	4.5	5.8	8.4
Parison Control Cylinder	DIA	3	3	3	3	5
Die Core Size (Min /Max.)	MM	5 / 30	5 / 40	20 / 90	20 / 110	60 / 160
Double Head Center Distance (if required)	MM	70	70	100	125	160
MOULD CLAMPING UNIT						
Maximum Opening	MM	250	300	355	460	510
Minimum Opening	MM	150	150	150	155	155
Maximum Mold Size (W x H)	MM	125 x 175	150 x 250	220 x 320	300 x 350	350 x 450
Mould Clamping Force	TONE	1	2	2	5	8
HYDRAULIC SYSTEM						
Hydraulic Drive Motor	HP	5	5	7.5	10	15
Oil Tank Capacity	LTR	150	250	250	275	400
Production Rate	PCS / HR	650-720 of 15gm	500 - 600 of 30gm	400 - 420 of 60 gm	270 - 300 of 120gm	240 - 250 of 220gm
Delivery Period	WEEKS	6	6	7	7	7
Total Power	HP / KW	18 / 13	23 / 17	35/26	47 / 35	83 / 62
MACHINE INSTALLATION						
Machine Dimensions (L x W x H)	FEET	7.7 x 5.5 x 6.5	8 x 6.5 x 6.8	8.4 x 7 x 8.2	11 x 8.6 x 8	11.7 x 9.4 x 8.7

Specification are indicative and subject to change without notice.

Platen Drawings : Double Station Series (DS)



Continuous Parison Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 5000 ML
Double Station-Rotary Cutting



Applications

- Cosmetics • Lubricants
- Pharma • Food
- FMCG • Agriculture
- Pesticide

Salient Features

- High production speed
- Quality consistency
- Low labour cost
- Economical Investment

Optional Features

Close Loop Scrap Recycling

Online Leak Testing

Multi Layer Application

In Mould Labeling

Multi Point

View Strip

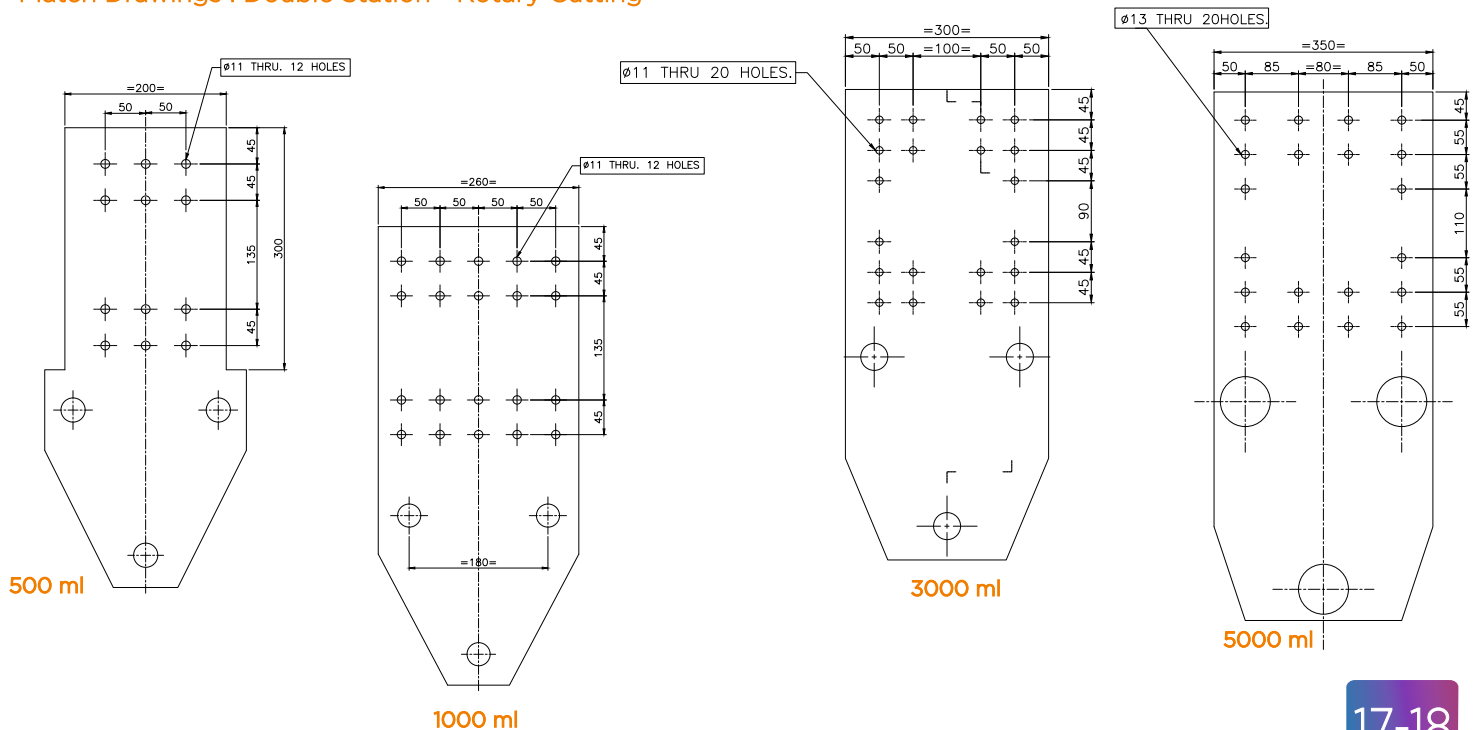


Technical Specification : Double Station-Rotary Cutting 200 ML - 5000 ML

MACHINE CAPACITY	UNIT	JM-500/DS-RC	JM-1000/DS-RC	JM-3000/DS-RC	JM-5000/DS-RC
EXTRUDER :					
Screw Diameter	MM	50	55	65	90
Length Diameter Ratio	L/D	22	22	22	22
Maximum Plasticizing Capacity	KG / HR	25-28	30-35	45-50	90-100
Extruder Motor (Variable)	HP	10	10	15	30
Heating Load	KW	7.7	8.4	11.4	20
Maximum Screw Speed	RPM	50	50	50	50
CONTINUOUS PARISON HEAD					
Heating Load	KW	2.5	5.0	5.8	8.4
Parison Control Cylinder	DIA	3	3	3	5
Die Core Size (Min /Max.)	MM	5 / 40	8/90	12/110	60/160
Double Head Center Distance (if required)	MM	70	100	125	160
MOULD CLAMPING UNIT					
Maximum Opening	MM	300	355	465	510
Minimum Opening	MM	150	150	155	155
Maximum Mold Size (W x H)	MM	200 x 300	260 x 320	300 x 350	350 x 450
Mould Clamping Force	TONE	2	2	5	8
HYDRAULIC SYSTEM					
Hydraulic Drive Motor	HP	5	7.5	10	15
Oil Tank Capacity	LTR	250	250	275	400
Total Power	HP / KW	29 / 22	35 / 26	47 / 35	83 / 62
MACHINE INSTALLATION					
Machine Dimensions (L x W x H)	FEET	8 x 6 x 7	8.5 x 7 x 8	11 x 8.5 x 8	12 x 9.5 x 9
CENTER DISTANCE (C.D)					
2 Head	MM	100	120	150	160
3 Head	MM	70	90	100	110
4 Head	MM	50	60	70	80
Max. Dia 2 Head	MM	75	90	120	130
Max. Dia 3 Head	MM	50	70	75	85
Max. Dia 4 Head	MM	30	40	50	60

Specification are indicative and subject to change without notice.

Platen Drawings : Double Station - Rotary Cutting



Continuous Parison Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 5000 ML

Single and Double Station-Triple Layer

**Triple Layer
Series**

Applications

- Cosmetics
- Lubricants
- Edible Oil
- FMCG

Salient Features

- Environment Friendly
- Raw Material Saving
- No To Contamination
- **PCR Usage**
- Master Batch Saving
- Increases Stacking load

Optional Features

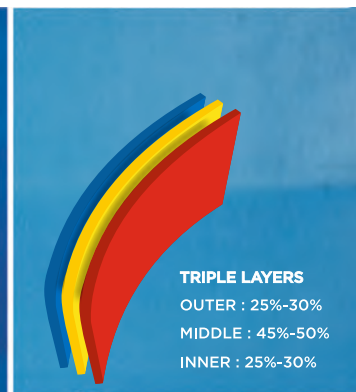
Multi Head

Multi Layer

In Mould Labeling

Multi Point Parison

View Strip

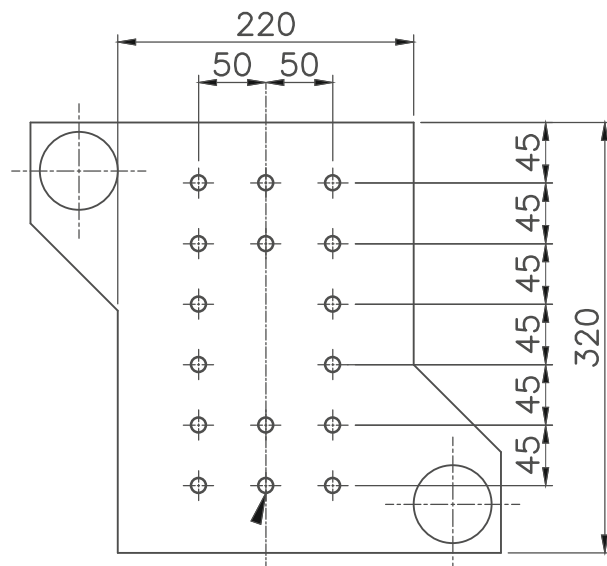


Technical Specification : Single & Double Station-Triple Layer 200 ML - 5000 ML

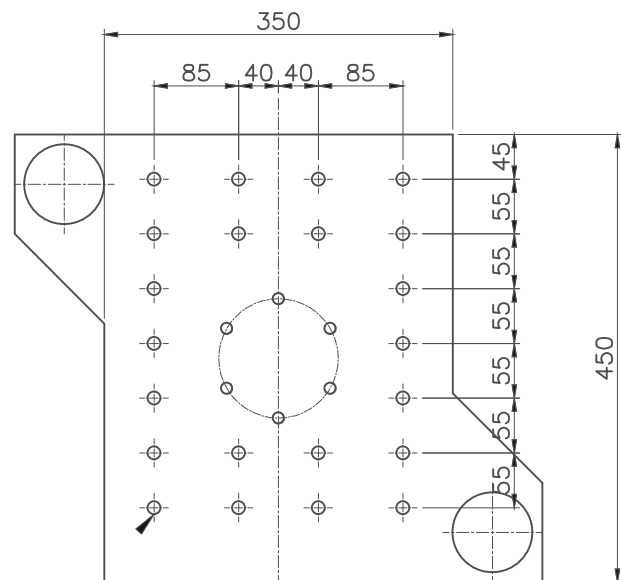
MACHINE CAPACITY	UNIT	JM-1000-SS-3L			JM-5000-SS-3L			JM-1000-DS-3L			JM-5000-DS-3L		
EXTRUDER		INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER
Screw Diameter	MM	35	40	35	45	55	45	45	50	45	55	80	55
Length Diameter Ratio	L/D	22	22	22	22	22	22	22	22	22	22	22	22
Maximum Plasticizing Capacity	KG/HR	8-10	12-15	8-10	16-20	30-35	16-20	12-15	20-25	12-15	45-50	80-90	45-50
Extruder Motor (Variable)	HP	3	5	3	7.5	10	7.5	7.5	10	7.5	10	25	10
Heating Load	KW	2	3	2	5.6	8	5.6	5.6	8	5.6	10.5	16.5	10.5
Maximum Screw Speed	RPM	50	50	50	50	50	50	50	50	50	50	50	50
CONTINUOUS PARISON HEAD													
Heating Load	KW	4.5			8.4			4.5			8.4		
Parison Control Cylinder	DIA	3"			5"			3"			5"		
Die Core Size (Min./Max.)	MM	20/80			60/160			20/80			60/160		
MOULD CLAMPING UNIT													
Maximum Opening	MM	355			510			355			510		
Minimum Opening	MM	150			155			150			155		
Maximum Mould Size (W x H)	MM	220 x 320			350 x 450			220 x 320			350 x 450		
Mould Clamping Force	TONE	2			8			2			8		
HYDRAULIC SYSTEM													
Hydraulic Drive Motor	HP	5			10			7.5			15		
Oil Tank Capacity	LTR	240			240			150			240		
Production Rate	NO/HR	220-240 of 60 gram			130-135 of 220 gram			400-420 of 60 gram			240 - 250 of 220gm		
Delivery Period	WEEKS	12			7			12			11		
Total Power	HP / KW	34 / 26			59 / 44			64 / 48			121 / 98		
MACHINE INSTALLATION													
Machine Dimensions (L x W x H)	FEET	9 x 7.5 x 8.5			12 x 7.5 x 9			9 x 7 x 7.5			13 x 11 x 9.5		

Specification are indicative and subject to change without notice.

Platen Drawings : Single and Double Station - Triple Layer



1000 ml



5000 ml

Accumulator Parison Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 200 LTR

Single Station / Single Layer Series

Single Station
Single Layer
Series

Applications

- Edible Oil
- Industrial Drum
- Agriculture • Pharma
- Lubricants • Chemicals
- Ice Cooler

Salient features

- Hydraulic Shooting for neck calibration
- S. S. Cooling Arrangements
- Return Line Filtration for Hydraulics
- Motorized Up down, to & fro adjustment of Clamping Unit
- Filter, Regulator & Lubrication for pneumatics
- Touch Screen HMI for PLC

Optional Features

Servo Hydraulics

Angular Blowing 45°

Leak Testing System

Presealing & Preblowing

Auto Lubrication

Robotic Gripper

In-Mould Labeling

Energy Meter

View Strip

Multipoint Parison
Programmer



Technical Specification : Single Station / Single Layer Series

10 LTR - 200 LTR

MACHINE CAPACITY	UNIT	JMV-10	JMV-15M	JMV-20	JMV-20M	JMV-030	JMV-60	JMV-100	JMV-210-OT
EXTRUDER :									
Screw Diameter	MM	65	70	70	80	80	90	100	90GB
Length Diameter Ratio	L/D	22	22	22	22	22	22	22	28
Maximum Plasticizing Capacity	KG/HR	45 - 50	60 - 65	60 - 65	80 - 90	80 - 90	90 - 100	100 - 110	180 - 190
Extruder Motor (Variable)	HP	15	15	15	25	25	40	50	75
Heating Load	KW	10.5	13.5	13.5	16.5	16.5	21	24	24.5
Maximum Screw Speed	RPM	56	56	56	56	56	56	56	56
ACCUMULATOR HEAD									
Accumulator Capacity	KG	1.5	1.5	3	3	5	5	7.5	14
Heating Load	KW	11.5	11.5	14	14	20	20	23	36
Parison Control cylinder	DIA	6"	6"	6"	6"	7"	7"	7"	10"
Die Core Size (Min. /Max.)	MM	70/160	70/180	80/200	80/200	120/260	120/260	120/300	160/300
MOULD CLAMPING UNIT									
Maximum Opening	MM	660	760	860	860	980	1115	1320	1650
Minimum Opening	MM	150	250	250	250	320	355	455	786
Maximum Mould size	W x H MM	380 x 500	500 x 500	610 x 560	610 x 560	660 x 660	760x760 or 820x820	850 x 1100	1220 x 1675
Mould Clamping Force	TONE	9	16	16	16	25	25	45	72
HYDRAULIC SYSTEM									
Hydraulic Drive Motor	HP	7.5	7.5	10	10	20	25	30	50
Parison Powerpack Motor (Optional)	HP	3	3	3	3	3	3	5	10
Oil Tank Capacity	LTR	225	250	325	325	400	400	760	800
Parison Powerpack Oil Tank Capacity (Optional)	LTR	60	60	60	60	60	60	60	150
Production Rate	NO/HR	75 to 80 pcs - 400 gms	75 to 80 pcs - 500 gms	35 to 40 pcs - 1 kg	45 to 50 pcs - 1 kg	30 to 35 pcs - 1.8 kg	28 to 30 pcs - 2.5 kg	20 pcs - 5 kg	18 to 20 pcs - 8 kg
Delivery Period	WEEKS	6-8	6-8	8-10	8-10	10-12	12-14	14-16	16-18
Total Power	HP / KW	52 / 38.8	56 / 42	62 / 46	76 / 57	98.5 / 73.5	124.5 / 93.0	152.0 / 113.4	222.0 / 165.5
MACHINE INSTALLATION									
Machine Dimensions (L x W x H)	Feet	17 x 11 x 12	17 x 11 x 12	18 x 11 x 13	18 x 11 x 13	20 x 11 x 14	21 x 12 x 15	24 x 15 x 13	24 x 15 x 13
Panel Dimensions (L x W x H)	Inch	55 x 22 x 79	55 x 22 x 79	55 x 22 x 79	55 x 22 x 79	55 x 22 x 79	55 x 22 x 79	55 x 22 x 79	87 x 22 x 79

Specification are indicative and subject to change without notice.
GB : Grooved Barrel

This series is specified for producing particular containers that are fully sealed, light resistive, heat resistive, anti-bacterial, durable, anti-static, corrosion resistive, non-toxic etc.



Co-Extrusion Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 200 LTR

Single Station / Double Layer Series

**Single Station
Double Layer
Series**

Applications

- Edible Oil
- Industrial Drum
- Agriculture • Pharma
- Lubricants • Chemicals
- Ice Cooler

Salient features

- Hydraulic Shooting for neck calibration
- S. S. Cooling Arrangements
- Return Line Filtration for Hydraulics
- Motorized Up down, to & fro adjustment of Clamping Unit
- Filter, Regulator & Lubrication for pneumatics
- Touch Screen HMI for PLC

Optional Features

- Servo Hydraulics
- Angular Blowing 45°
- Leak Testing System
- Presealing & Preblowing
- Auto Lubrication
- Robotic Gripper
- In-Mould Labeling
- Energy Meter
- Multipoint Parison Programmer
- View Strip

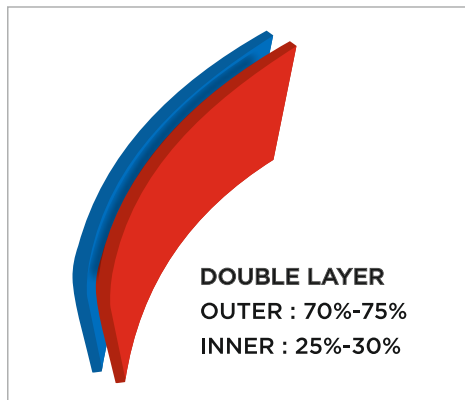


Technical Specification : Single Station / Double Layer Series

10 LTR- 200 LTR

MACHINE CAPACITY	UNIT	JMV-15-2L		JMV-20-2L		JMV-60-2L		JMV-100-2L		JMV-200-OT	
EXTRUDER		MAIN	AUXI	MAIN	AUXI	MAIN	AUXI	MAIN	AUXI	MAIN	AUXI
Screw Diameter	MM	65	45	70	50	90	65	100	65	90GB	65GB
Length Diameter Ratio	L/D	22	22	22	22	22	22	22	22	28	28
Maximum plasticizing capacity	KG/HR	45 – 50	15-20	60 - 65	20 - 25	90-100	45 – 50	100-110	45 - 50	180-190	80 – 90
Extruder Motor (Variable)	HP	15	7.5	15	10	40	15	50	15	75	30
Heating Load	KW	10.5	6.5	13.5	8.0	21	10.5	24	10.5	24.5	13.5
Maximum Screw Speed	RPM	56	56	56	56	56	56	56	56	56	56
ACCUMULATOR HEAD											
Accumulator Capacity	KG	1.5 + 0.7		3.0 + 1.0		4.5 + 2		5 + 3		12 + 4	
Heating Load	KW	18		30.5		28		33.5		47.6	
Parison Control Cylinder	DIA	5"		6"		6"		7"		10"	
Die Core Size (Min. /Max.)	MM	70/180		80/200		120/260		120/300		160/300	
MOULD CLAMPING UNIT											
Maximum Opening	MM	760		860		1115		1320		1650	
Minimum Opening	MM	250		250		355		455		786	
Maximum Mould Size (WXH)	MM	500 x 500		610 x 560		760 x 760		850 x 1100		1200 x 1675	
Mould Clamping Force	TONE	16		16		25		50		72	
HYDRAULIC SYSTEM											
Hydraulic Drive Motor	HP	7.5+7.5		10+7.5		25 + 7.5		30 + 10		50 + 15	
Parison Powerpack Motor (Optional)	HP	3		3		3		5		10	
Oil Tank Capacity	LTR	325		325		450		760		800	
Parison Powerpack Oil Tank Capacity (Optional)	LTR	60		60		60		60		150	
Production Rate	NO/HR	65 to 70 pcs- 500 gms		40 to 45 pcs- 1 kg		35 to 40 pcs- 2.5kg		24 to 26 pcs- 5 kg		40 to 45 pcs- 4.5kg	
Delivery Period	WEEKS	10-12		12-14		14-16		16-18		18-20	
Total Power	HP / KW	84.4 / 63.0		117 / 87		172.3 / 128.5		205.0 / 153.0		301 / 224.0	
MACHINE INSTALLATION											
Machine Dimensions (L x W x H)	FEET	16 x 7 x 12		18 x 9 x 14		20 x 13 x 16		24 x 15 x 18		26 x 16 x 21	
Panel Dimensions (L x W x H)	INCH	71 x 22 x 79		71 x 22 x 79		71 x 22 x 79		71 x 22 x 79		87 x 22 x 79	

Specification are indicative and subject to change without notice.
GB : Grooved Barrel



Co-Extrusion Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 200 LTR

Single Station / Triple Layer Series

Single Station
Triple Layer
Series

Applications

- Edible Oil
- Industrial Drum
- Agriculture • Pharma
- Lubricants • Chemicals
- Ice Cooler

Salient features

- Environment Friendly
- Raw Material Saving
- No To Contamination
- **PCR Usage**
- Master Batch Saving
- Increases Stacking load

Optional Features :

Servo Hydraulics

Angular Blowing 45°

Leak Testing System

Presealing & Preblowing

Auto Lubrication

Robotic Gripper

In-Mould Labeling

Energy Meter

View Strip

Multipoint Parison
Programmer



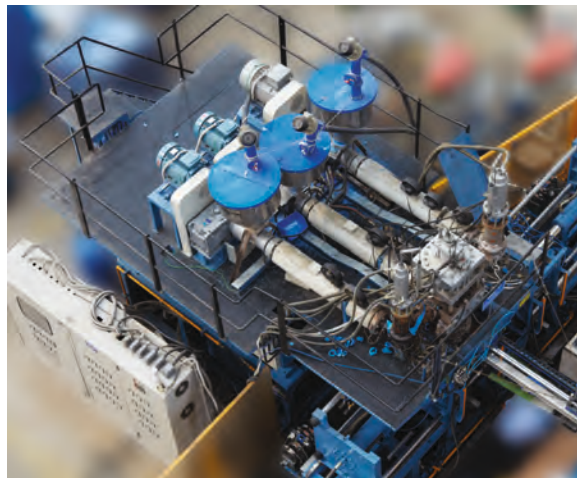
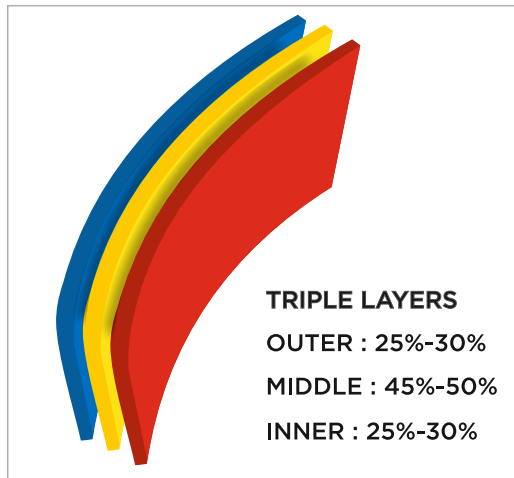
 **RECYCLE
REDUCE
REUSE**



Technical Specification : Single Station / Triple Layer 10 LTR- 200 LTR

MACHINE CAPACITY	UNIT	JMV-15-3L			JMV-20-3L			JMV-30-3L			JMV-60-3L			JMV-100-3L		
EXTRUDER		INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER
Screw Diameter	MM	55	65T	65	65	80T	80	70	80T	80	70	90T	80	65GB	70T GB	65GB
Length Diameter Ratio	L/D	22	22	22	22	22	22	22	22	22	22	22	22	28	28	28
Maximum Plasticizing Capacity	KG/HR	30-35	45-50	45-50	45-50	80-90	30-35	60-65	80-90	80-90	60-65	90-100	80-90	80-90	100-110	80-90
Extruder Motor (Variable)	HP	10	15	15	15	25	25	15	25	25	15	40	25	30	40	30
Heating Load	KW	9	10.5	10.5	10.5	17	17	13.3	17	17	13.3	20.7	17	13.3	15.7	13.3
Maximum Screw Speed	RPM	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
ACCUMULATOR HEAD																
Accumulator Capacity	KG	3			3.5			5			5			8		
Heating Load	KW	30			32			32.7			32.7			38		
Parison Control Cylinder	DIA	6"			6"			7"			7"			7"		
Die Core Size (Min./Max.)	MM	90/200			90/200			100/220			100/220			140/300		
MOULD CLAMPING UNIT																
Maximum Opening	MM	760			860			980			1115			1320		
Minimum Opening	MM	250			250			320			355			455		
Maximum Mould Size (W x H)	MM	500 x 500			610 x 560			660 x 660			760 x 760 / 820 x 820			850 x 1100		
Mould Clamping Force	TONE	16			16			25			25			45		
HYDRAULIC SYSTEM																
Hydraulic Drive Motor	HP	20			20			40			40			50		
Parison Powerpack Motor (Optional)	HP	3			3			3			3			5		
Oil Tank Capacity	LTR	450			450			450			450			760		
Parison Powerpack Oil Tank Cpty (Optional)	LTR	60			60			60			60			60		
Production Rate	NO/HR	90 to 95 pcs- 500gram			80 to 85 pcs- 1 kg			48 to 52 pcs- 1.6 kg			38 to 40 pcs- 2.5 kg			30 to 33 pcs- 5 kg		
Delivery Period	WEEKS	10-12			10-12			10-12			10-12			10-12		
Total Power	HP / KW	148.0 / 110.5			187.0 / 139.5			187.0 / 139.5			187.0 / 139.5			267.0 / 199.0		
MACHINE INSTALLATION																
Machine Dimensions (L x W x H)	FEET	22 x 12 x 15			22 x 12 x 15			22 x 12 x 15			22 x 17 x 17			24 x 17 x 18		
Panel Dimensions (L x W x H)	INCH	118 x 22 x 79			118 x 22 x 79			118 x 22 x 79			118 x 22 x 79			118 x 22 x 79		

Specification are indicative and subject to change without notice.
T = Tungsten Carbide (Bimetallic Screw) GB : Grooved Barrel



Accumulator Rapid Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 100 LTR

Single Station /Single Layer Rapid Series



Applications

- Industrial Drum
- Agriculture • Chemicals
- Ice Cooler • Edible Oil
- Lube Oil

Salient features

- Top Notch Speed for Best Output
- Servo Hydraulics for Power Saving
- Robotic Gripper for Human Safety
- Air Booster for Quick Cooling
- Multi Stage Blowing & Exhaust
- Accumulator Overfill Safety
- Energy Meter
- **PCR Usage**

Optional features

Leak Testing System

Presealing & Preblowing

Angular Blowing 45°

In-Mould Labeling

View Strip

Multipoint Parison Programmer

Post Cooling Arrangement

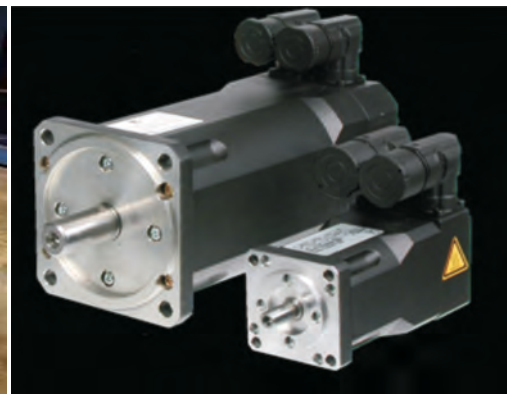


Technical Specification : Single Station / Single Layer Rapid Series

10 LTR - 100 LTR

MACHINE CAPACITY	UNIT	JMT-15-RAPID-1L	JMT-20-RAPID-1L	JMT-30-RAPID-1L	JMT-60-RAPID-1L	JMT-100-RAPID-1L
EXTRUDER						
Screw Diameter	MM	70GB	90GB	90GB	90GB	100GB
Length Diameter Ratio	L/D	28	28	28	28	28
Maximum Plasticizing Capacity	KG/HR	100-110	180-200	190-200	190-200	250-270
Extruder Motor (Variable)	HP	40	75	75	75	100
Heating Load	KW	16	24.5	24.5	24.5	30.5
Maximum Screw Speed	RPM	56	56	56	56	56
ACCUMULATOR HEAD						
Accumulator Capacity	KG	1.5	3	5	5	7.5
Heating Load	KW	11.5	14.5	20	20	22.2
Parison Control cylinder	DIA	6"	6"	6"	6"	7"
Die Core Size (Min. /Max.)	MM	70/160	80/200	100/220	100/220	120/300
MOULD CLAMPING UNIT						
Maximum Opening	MM	760	860	980	1115	1320
Minimum Opening	MM	250	250	320	355	455
Maximum Mould size (W x H)	MM	500 x 500	610 x 560	660 x 660	760 x 760 / 820 x 820	850 x 1100
Mould Clamping Force	TONE	16	16	25	25	45
HYDRAULIC SYSTEM						
Hydraulic Drive Motor	HP	15	20	40	40	50
Parison Powerpack Motor (Opt.)	HP	3	3	3	3	5
Oil Tank Capacity	LTR	450	450	450	450	760
Parison Powerpack Oil Tank Capacity Opt.)	LTR	60	60	60	60	60
Production Rate	NO/HR	100 to 110 pcs- 500 gram	95 to 100 pcs- 1 kg	48 to 52 pcs- 1.6 kg	40 to 42 pcs- 2.5 kg	32 to 35 pcs- 5 kg
Delivery Period	WEEKS	10-12	10-12	12-14	12-14	12-14
Total Power	HP / KW	101/76	147/110	180/134	180/134	230/172
MACHINE INSTALLATION						
Machine Dimensions (L x W x H)	Feet	18 x 7 x 12.5	20 x 8 X 14	23 x 9 X 15	23 x 11 x 15	24 x 13 x 15
Panel Dimensions (L x W x H)	Inch	71 x 22 x 79	87 x 22 x 79	87 x 22 x 79	87 x 22 x 79	87 x 22 x 79

Specification are indicative and subject to change without notice.
 * Mould composition should be Alumac with BeCu.
 GB : Grooved Barrel



27-28

Accumulator Rapid Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 100 LTR

Single Station /Triple Layer Rapid Series



Applications

- Industrial Drum
- Agriculture • Chemicals
- Ice Cooler • Edible Oil
- Lube Oil

Salient features

- Top Notch Speed for Best Output
- Servo Hydraulics for Power Saving
- Robotic Gripper for Human Safety
- Air Booster for Quick Cooling
- Multi Stage Blowing & Exhaust
- Accumulator Overfill Safety
- Energy Meter
- **PCR Usage**

Optional features

Leak Testing System

Presealing & Preblowing

Angular Blowing 45°

In-Mould Labeling

View Strip

Multipoint Parison Programmer

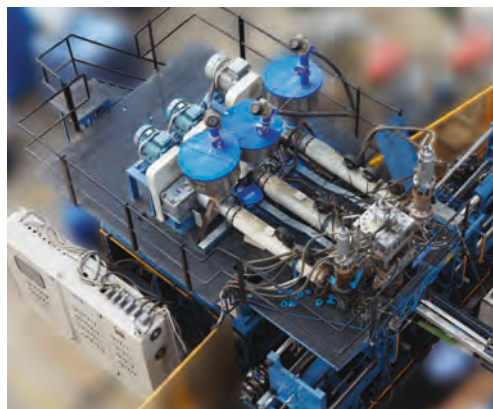
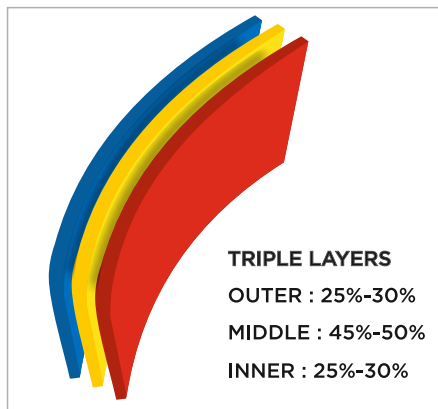
Post Cooling Arrangement



Technical Specification : Single Station / Triple Layer Rapid Series 10 LTR - 100 LTR

MACHINE CAPACITY	UNIT	JMV-15-RAPID-3L			JMV-20-RAPID-3L			JMV-30-RAPID-3L			JMV-60-RAPID-3L			JMV-100-RAPID-3L		
EXTRUDER		INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER
Screw Diameter	MM	55	65T	65	65	80T	80	70	80T	80	70	90T	80	65GB	70T GB	65GB
Length Diameter Ratio	L/D	22	22	22	22	22	22	22	22	22	22	22	22	28	28	28
Maximum Plasticizing Capacity	KG/HR	30-35	45-50	45-50	45-50	80-90	30-35	60-65	80-90	80-90	60-65	90-100	80-90	80-90	100-110	80-90
Extruder Motor (Variable)	HP	10	15	15	15	25	25	15	25	25	15	40	25	30	40	30
Heating Load	KW	9	10.5	10.5	10.5	17	17	13.3	17	17	13.3	20.7	17	13.3	15.7	13.3
Maximum Screw Speed	RPM	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
ACCUMULATOR HEAD																
Accumulator Capacity	KG	3			3.5			5			5			8		
Heating Load	KW	30			32			32.7			32.7			38		
Parison Control cylinder	DIA	6"			6"			7"			7"			7"		
Die Core Size (Min. /Max.)	MM	90/200			90/200			100/220			100/220			140/300		
MOULD CLAMPING UNIT																
Maximum Opening	MM	760			860			980			1115			1320		
Minimum Opening	MM	250			250			320			355			455		
Maximum Mould size (W x H)	MM	500 x 500			610 x 560			660 x 660			760 x 760 / 820 x 820			850 x 1100		
Mould Clamping Force	TONE	16			16			25			25			45		
HYDRAULIC SYSTEM																
Hydraulic Drive Motor	HP	20			20			40			40			50		
Parison Powerpack Motor (Opt.)	HP	3			3			3			3			5		
Oil Tank Capacity	LTR	450			450			450			450			760		
Parison Powerpack Oil Tank Capacity Opt.)	LTR	60			60			60			60			60		
Production Rate	NO/HR	100 to 110 pcs- 500gram			95 to 100 pcs- 1 kg			55 to 60 pcs- 1.6 kg			42 to 45 pcs- 2.5 kg			32 to 35 pcs - 5 kg		
Delivery Period	WEEKS	10-12			10-12			10-12			10-12			10-12		
Total Power	HP / KW	148.0 / 110.5			187.0 / 139.5			187.0 / 139.5			187.0 / 139.5			267.0 / 199.0		
MACHINE INSTALLATION																
Machine Dimensions (L x W x H)	Feet	22 x 12 x 15			22 x 12 x 15			22 x 12 x 15			22 x 17 x 17			24 x 17 x 18		
Panel Dimensions (L x W x H)	Inch	118 x 22 x 79			118 x 22 x 79			118 x 22 x 79			118 x 22 x 79			118 x 22 x 79		

Specification are indicative and subject to change without notice.
 * Mould composition should be Alumac with BeCu.
 T = Tungsten Carbide (Bimetallic Screw) GB : Grooved Barrel



Accumulator Parison Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 100 LTR

Double Station / Single Layer Series

**Double Station
Single Layer
Series**

Applications

- Edible Oil Packing • Industrial Drum
- Agriculture • Pharma • Toy
- Lubricants • Chemicals
- Ice Cooler • Water Drum

Salient features

- Salutory for faster output
- Encompass guide for in-house facility
- Safety Cage
- Compact Footprint
- Central Robotic Gripper
- Less Manpower
- Smooth Clamping Rail



Optional features

Servo Hydraulic	Pre Sealing
Angular Blowing 45°	Pre Blowing
Leak Testing System	In-Mould Labeling



Technical Specification : Double Station / Single Layer Series 10 LTR - 100 LTR

MACHINE CAPACITY	UNIT	JMV-D-15	JMV-D-15M	JMV-D-20	JMV-D-20M	JMV-D-30	JMV-D-60
EXTRUDER							
Screw Diameter	MM	70GB	80GB	80GB	90GB	90GB	90GB
Length Diameter Ratio	L/D	28	28	28	28	28	28
Maximum plasticizing Capacity	KG/HR	100-110	140-150	140-150	180-190	180-190	180-190
Extruder Motor (Variable)	HP	40	60	60	75	75	75
Heating Load	KW	16	19	19	24.5	24.5	24.5
Maximum Screw Speed	RPM	56	56	56	56	56	56
ACCUMULATOR HEAD							
Accumulator Capacity	KG	1.5	1.5	3	3	5	5
Heating Load	KW	11.5	11.5	14	14	20	20
Parison Control Cylinder	DIA	6"	6"	6"	6"	7"	7"
Die Core Size (Min./Max.)	MM	70/180	70/180	80/200	80/200	120/260	120/260
MOULD CLAMPING UNIT							
Maximum Opening	MM	900	900	900	900	1000	1115
Minimum Opening	MM	410	410	400	400	400	450
Maximum Mould size (WXH)	MM	500 x 500	500 x 500	600 x 600	600 x 600	660 x 660	760 x 760 / 820 x 820
Mould Clamping Force	TONE	16	16	20	20	25	30
HYDRAULIC SYSTEM							
Hydraulic Drive Motor	HP	15	15	20	20	30	25
Parison Powerpack Motor (Optional)	HP	3	3	3	3	3	3
Oil Tank Capacity	LTR	650	650	700	700	700	650
Parison Powerpack Oil Tank Capacity (Optional)	LTR	60	60	60	60	60	60
Production Rate	NO/HR	150 to 170 pcs- 500 gms	150 to 170 pcs- 500 gms	95 to 100 pcs -1 kg	120 to 130 pcs -1 kg	70 to 75 pcs -1.8 kg	55 to 60 pcs- 2.4kg
Delivery Period	WEEKS	16-18	16-18	16-18	16-18	16-18	18-20
Total Power	HP/KW	97.8 / 73.0	122.0 / 91.0	130 / 97	153 / 114	170 / 127	166.0 / 124.0
MACHINE INSTALLATION							
Machine Dimensions (L x W x H)	FEET	21 x 21 x 12	21 x 21 x 12	23 x 26 x 14	21 x 25 x 13	21 x 26 x 14	24 x 26 x 14
Panel Dimensions (L x W x H)	INCH	87 x 22 x 79	87 x 22 x 79	87 x 22 x 79	87 x 22 x 79	87 x 22 x 79	87 x 22 x 79

Specification are indicative and subject to change without notice. GB : Grooved Barrel



Co-Extrusion Series

Fully Automatic Blow Moulding Machine

Ranging from :

10 LTR - 100 LTR

Double Station / Triple Layer Series

**Double Station
Triple Layer
Series**

Applications

- Edible Oil Packing • Industrial Drum
- Lubricants • Chemicals • Lube Oil Packing

Salient features

- Salutory for faster output
- Encompass guide for in-house facility
- Safety Cage
- Compact Footprint
- Central Robotic Gripper
- Less Manpower
- Smooth Clamping Rail
- **PCR Usage**



Optional features

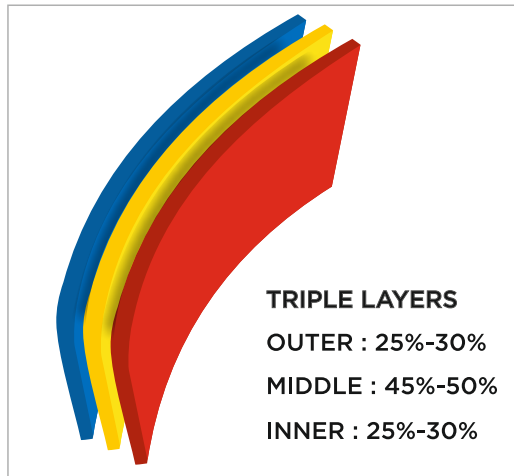
Servo Hydraulic	Pre Sealing	View Strip
Angular Blowing 45°	Pre Blowing	Multipoint Parison Programmer
Leak Testing System	In-Mould Labeling	



Technical Specification : Double Station / Triple Layer Series 10 LTR - 100 LTR (Plunger Series)

MACHINE CAPACITY	UNIT	JMV-D-15-3L			JMV-D-20-3L			JMV-D-60-3L			JMV-D-100-3L		
EXTRUDER		INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER
Screw Diameter	MM	65	70T	65	65	80T	80	65GB	70T GB	65GB	65GB	80T GB	70GB
Length Diameter Ratio	L/D	22	22	22	22	22	22	28	28	28	28	28	28
Maximum Plasticizing Capacity	KG/HR	45 – 50	60 - 65	45 – 50	45 – 50	80 – 90	80 – 90	80 – 90	100-110	80 – 90	80 – 90	140-150	100-110
Extruder Motor (Variable)	HP	15	15	15	15	25	25	30	40	30	30	60	40
Heating Load	KW	11.5	13.5	11.5	10.5	17	17	14.8	17.3	14.8	14.8	20.4	17.3
Maximum Screw Speed	RPM	56	56	56	56	56	56	56	56	56	56	56	56
ACCUMULATOR HEAD													
Accumulator Capacity	KG	1.5			3			5			8		
Heating Load	KW	11			32			29.7			38		
Parison Control Cylinder	DIA	5"			6"			7"			7"		
Die Core Size (Min./Max.)	MM	70/160			90/150			120/250			140/280		
MOULD CLAMPING UNIT													
Maximum Opening	MM	900			860			1115			1320		
Minimum Opening	MM	410			400			400			455		
Maximum Mould Size (W x H)	MM	500 x 500			600 x 600			760 x 760 / 820 x 820			850 x 1100		
Mould Clamping Force	TONE	16			20			25			45		
HYDRAULIC SYSTEM													
Hydraulic Drive Motor	HP	20			20			25			30		
Parison Powerpack Motor (Optional)	HP	3			3			3			5		
Oil Tank Capacity	LTR	700			650			650			760		
Parison Powerpack Oil Tank Cpty (Optional)	LTR	NA			60			60			60		
Production Rate	NO/HR	150 to 160 pcs- 500 gms			110 to 120 pcs- 1kg			55 to 60 pcs- 2.4kg			35 to 40 pcs-5kg		
Delivery Period	WEEKS	16			16			16			18		
Total Power	HP / KW	132/98			192.5 / 143.6			240 / 179			289 / 215		
MACHINE INSTALLATION													
Machine Dimensions (L x W x H)	FEET	22 x 22 x 13			23 x 26 x 14			24 x 28 x 16			26 x 30 x 17		
Panel Dimensions (L x W x H)	INCH	118 x 22 x 79			118 x 22 x 79			118 x 22 x 79			118 x 22 x 79		
Display Panel Dimensions (L x W x H)	INCH	29 x 20 x 59			29 x 20 x 59			29 x 20 x 59			29 x 20 x 59		

Specification are indicative and subject to change without notice.
T = Tungsten Carbide (Bimetallic Screw) GB : Grooved Barrel



Industrial Barrel Series

Fully Automatic Blow Moulding Machine

Ranging from :

210 LTR / 235 LTR / 250 LTR
L Ring Series Up to 3 Layer

**L Ring Barrel
Series**

Applications

- Sugar • Starch
- Lubricants • Chemicals
- Oil • Liquor • Agriculture

Salient features

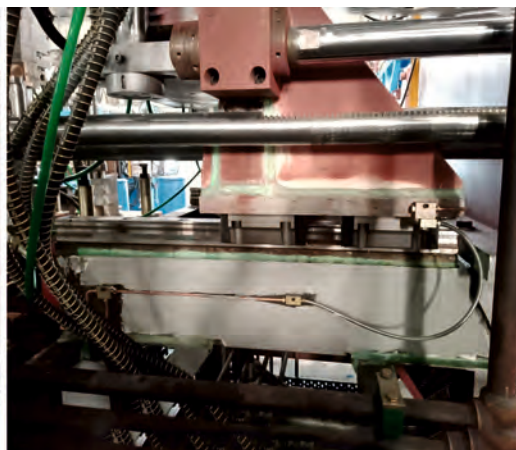
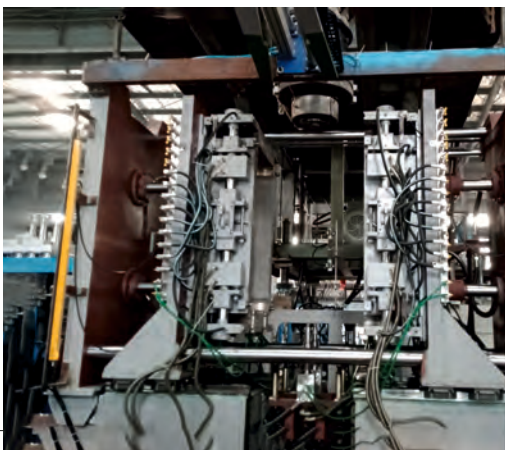
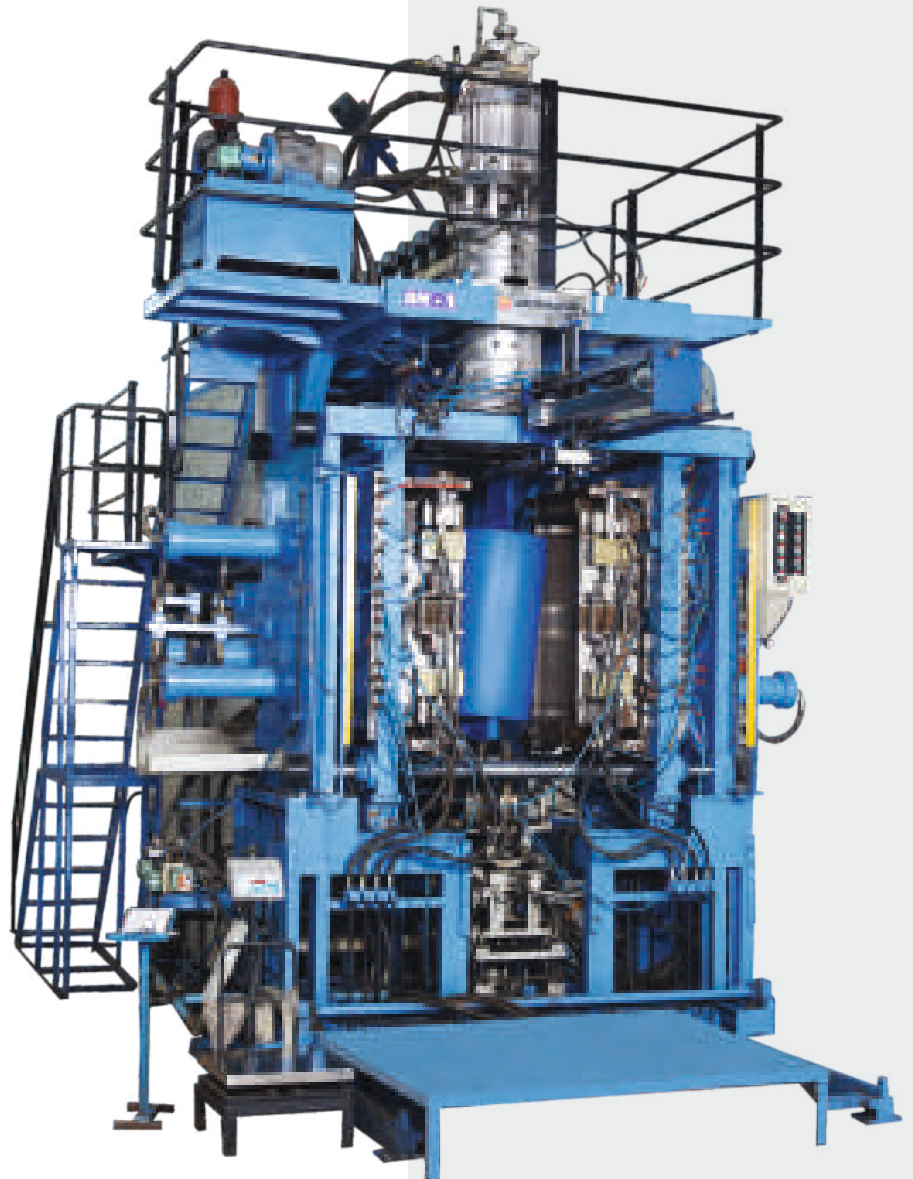
- First In First Out System (FIFO)
- Accumulator Head MOC EN19 30RC hardening with hard chrome plating for fast colour change.
- Grooved screw MOC EN41B Nitrated for undiminished output.
- Helical gear box with extra large integral thrust bearing.
- Unique melt distribution system independent of melt index of raw material
- Very low rejection rate of barrel.
- Faster multi stage cooling programme for better output.
- New age hydraulics for low energy consumption.

- **PCR Usage for 3 Layer applications.**

Optional features

PWDS (Parison Control System)

Servo Hydraulics



Technical Specification : L Ring Series Up to 3 Layer 210 LTR / 235 LTR / 250 LTR

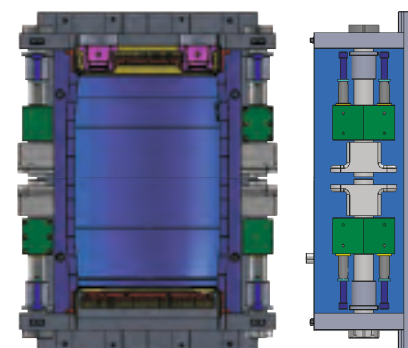
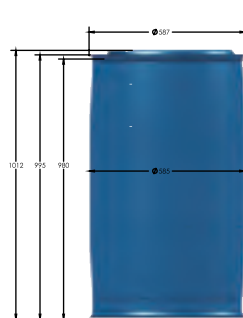
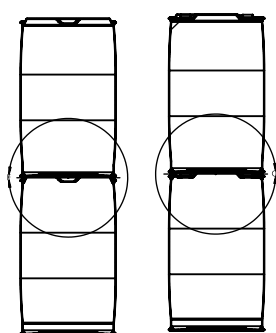
MACHINE CAPACITY	UNIT	JMV-210-L	JMV-210M-L	JMV-210 L-RING T/L PLUNGER		
EXTRUDER				INNER	MIDDLE	OUTER
Screw Diameter	MM	100GB	120GB	90GB	90T GB	80GB
Length Diameter Ratio	L/D	26	30	28	26	28
Maximum Plasticizing Capacity	KG/HR	250-270	350-380	160-180	160-180	120-140
Extruder Motor (Variable)	HP	100	150	75	75	60
Heating Load	KW	30.5	41	24.5	24.5	18.7
Maximum Screw Speed	RPM	56	56	56	56	56
ACCUMULATOR HEAD						
Accumulator Capacity	KG	14	14	16		
Heating Load	KW	36	36	36		
Parison Control cylinder	DIA	10"	10"	10"		
Die Core Size (Min. /Max.)	MM	160 / 300	160/300	200/300		
MOULD CLAMPING UNIT						
Maximum Opening	MM	1650	1650	1650		
Minimum Opening	MM	786	786	786		
Maximum Mould Size (W x H)	MM	1200 x 1675	1200 x 1675	1200 x 1675		
Mould Clamping Force	TONE	90	90	90		
HYDRAULIC SYSTEM						
Hydraulic Drive Motor	HP	50 + 10	50 + 10	50 + 10		
Parison Powerpack Motor	HP	10	10	10		
Oil Tank Capacity	LTR	800	800	800		
Parison Powerpack Oil Tank Capacity	LTR	150	150	150		
Production Rate	NO/HR	25 to 27 pcs- 8.2kg	30 to 32 pcs- 8.2kg	30 to 32 pcs- 8.2kg		
Delivery Period	WEEKS	22-24	22-24	22-24		
Total Power	HP / KW	276.0 / 206.0	340.0/254.0	419/313		
MACHINE INSTALLATION						
Machine Dimensions (L x W x H)	FEET	33 x 17 x 22	33 x 17 x 22	25 X 40 X 24		
Panel Dimensions (L x W x H)	INCH	87 x 22 x 79	87 x 22 x 79	150 X 22 X 79		

Specification are indicative and subject to change without notice.

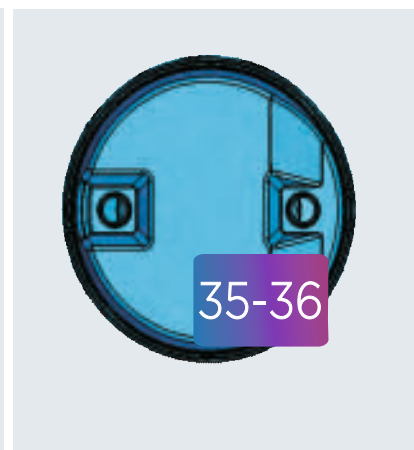
T = Tungsten Carbide (Bimetallic Screw) GB : Grooved Barrel

Salient features of L Ring Barrel

- Improved sealing arrangement 100% Leak proof surpassing all relevant test like Drop Test & Stacking Test.
- Internationally accepted design.
- XM-HM-HDPE raw material grade for Stronger & Resilient Blow moulded Industrial Barrel.



BLOW MOULD



Water Tank Series

Fully Automatic Blow Moulding Machine

Ranging from :

500 LTR - 5000 LTR
Up to 8 Layers

Water Tank
Series

Applications

• Water Storage Tank • Loft Tank

Salient features

- PLC control with MMI
- FIFO accumulator head
- A.C. Variable frequency drive (Extruder)
- Yuken Hydraulics
- Blow Moulding Process
- No Pulverizing
- A Workhorse 24/7
- Light Weight
- Less Manpower
- Threaded Lid
- Plunger / Multi Hydraulic Range

Optional features

PWDS
(Parison Control Systems)

Servo Hydraulic



2000 LTR (3 Layer) Machine supplied in Italy, Europe



Technical Specification : Water Tank Series (Plunger Design) 500 LTR - 5000 LTR

Machine Capacity	Unit	JMV-1000-4L	JMV-1000-6L	JMV-2000-4L	JMV-2000-6L	JMV-2000-8L-PL	JMV-3000-3L	JMV-5000-3L
EXTRUDER								
Screw Diameter								
Screw Diameter Outer-1	MM	70GB	70GB	80GB	80GB	80GB	80GB	120GB
Screw Diameter Middle-2	MM	70GB	65GB/65GB	70GB	65GB/65GB	65GB/65GB	90GB	100GB
Screw Diameter Middle-3	MM	70GB	65GB	70GB	65GB	65/65GB	NA	NA
Screw Diameter Middle-4	MM	NA	65GB	70GB	65GB	65/65GB	NS	NS
Screw Diameter Inner	MM	70GB	65GB	NA	65GB	65GB	70GB	100GB
Length Diameter Ratio								
Length Diameter Ratio Outer-1	L/D	28	28	28	28	28	28	28
Length Diameter Ratio Middle-2	L/D	28	28/28	28	28/28	28/28	28	26
Length Diameter Ratio Middle-3	L/D	28	28	28	28	28/28	NA	NA
Length Diameter Ratio Middle-4	L/D	NA	28	28	28	28/28	NA	NA
Length Diameter Ratio Inner	L/D	28	28	NA	28	28	28	26
Maximum Plasticizing Capacity								
Maximum Plasticizing Capacity Outer-1	KG /HR	110-120	110-120	120-140	140-150	140-150	120-140	320-350
Maximum Plasticizing Capacity Middle-2	KG /HR	110-120	80-90/80-90	110-120	80-90/80-90	80-90/80-90	190-200	280-350
Maximum Plasticizing Capacity Middle-3	KG /HR	110-120	80-90	110-120	80-90	80-90/80-90	NA	NA
Maximum Plasticizing Capacity Middle-4	KG /HR	NA	80-90	110-120	80-90	80-90/80-90	NA	NA
Maximum Plasticizing Capacity Inner	KG /HR	110-120	80-90	NA	80-90	80-90	110-120	280-350
Extruder Motor Variable								
Extruder Motor Variable Outer-1	HP	40	40	60	60	60	60	150
Extruder Motor Variable Middle-2	HP	40	30/30	40	30/30	30/30	75	100
Extruder Motor Variable Middle-3	HP	40	30	40	30	30/30	NA	NA
Extruder Motor Variable Middle-3	HP	NA	30	40	30	30/30	NA	NA
Extruder Motor Variable Inner	HP	40	30	NA	30	30	40	100
Heating Load								
Heating Load Outer-1	KW	17.3	15.7	18.7	20.0	20.0	20.4	45
Heating Load Middle-2	KW	17.3	13.3/13.3	15.7	14.8/14.8	14.8/14.8	24.5	30
Heating Load Middle-3	KW	17.3	13.3	15.7	14.8	14.8/14.8	NA	NA
Heating Load Middle-4	KW	NA	13.3	15.7	14.8	14.8/14.8	NA	NA
Heating Load Inner	KW	17.3	13.3	NA	14.8	14.8	17.3	30
Maximum Screw Speed								
Maximum Screw Speed Outer-1	RPM	56	56	56	56	56	56	56
Maximum Screw Speed Middle-2	RPM	56	56/56	56	56/56	56/56	56	56
Maximum Screw Speed Middle-3	RPM	56	56	56	56	56/56	NA	NA
Maximum Screw Speed Middle-4	RPM	NA	56	56	56	56/56	NA	NA
Maximum Screw Speed Inner	RPM	56	56	NA	56	56	56	56
ACCUMULATOR HEAD								
Head Capacity	KG	40	50	60	64	70	75	150
Heating Load	KW	80	173	133	180	185	130	184
Parison Control Cylinder	MM	400	400	400	400	400	500	500
Die Core size (min. /max.)	MM	300/450	300/450	420/550	400/550	400/550	350/750	650/800
MOULD CLAMPING UNIT								
Max. Opening	MM	2800	2800	3100	3100	3100	3800	4500
Min. Opening	MM	1000	1000	1000	1000	1000	1000	2000
Maximum Mould size (W x H)	MM	1400 x 2000	1400 x 2000	1775 x 2300	1775 x 2300	1775 x 2300	1900 x 2450	2400 x 2500
Clamping Force	Tone	150	120	200	200	200	250	200
HYDRAULICS								
Hydraulic Drive Motor	HP	50	50	50	50	50	50	75
Oil Tank Capacity	LTR	1000+300	1000+300	1000+500	1000+500	1000+500	1000+500	1500+1800
Parison Powerpack Oil Tank Capacity	LTR	150	150	150	150	150	150	150
Parison Powerpack Motor	LTR	15	NA	15	NA	15	15	20
Production Rate	NO / HR	14 to 16 pcs- 18 kg	14 to 16 pcs- 18 kg	8 to 10 pcs- 34 kg	8 to 10 pcs- 38 kg	8 to 10 pcs- 38 kg	8 to 10 pcs- 36 kg	4 to 5 pcs- 90 kg
Delivery Period	Weeks	22-24	24-26	24-26	24-26	24-26	24-26	30
Total Power	HP / KW	440/329	607/453	527/393	658/490	749/559	498/371	854/637
MACHINE INSTALLATION								
Machine Dimensions (L x W x H)	FEET	28 X 32 X 27	28 X 24 X 25	32 X 26 X 26	35 X 35 X 30	35 X 35 X 30	28 X 29 X 28	30 X 18 X 29
Panel Dimensions (L x W x H)	INCH	142 X 20 X 79	189 X 20 X 79	189 X 20 X 79	189 X 20 X 79	189 X 20 X 79	150 X 20 X 79	140 X 20 X 79
Drive Panel Dimensions (L x W x H)	INCH	20 X 59 X 29	20 X 59 X 29	20 X 29 X 59	19 X 29 X 59	19 X 29 X 59	20 X 29 X 59	20 X 29 X 59

Specification are indicative and subject to change without notice. GB : Grooved Barrel



IBC (Intermediate Bulk Container)

Fully Automatic Blow Moulding Machine

Ranging from :

1000 LTR
Up to 3 Layers

Applications

- Chemicals • Solvents
- Liquids
- Food Ingredients
- Sand • Grains

IBC Series

An Intermediate Bulk Container (IBC) is a pallet mounted, industrial grade reusable container that is used for storing and transporting bulk liquids and powders. It is also known as tote.



Technical Specification : IBC Tank Series

MACHINE CAPACITY	UNIT	JMV-1000	JMV-1000-3L		
EXTRUDER			INNER	MIDDLE	OUTER
Screw Diameter	MM	120GB	70GB	80GB	80GB
Length Diameter Ratio	L/D	28	28	28	28
Maximum Plasticizing Capacity	KG/HR	350-400	110-120	120-140	120-140
Extruder Motor (Variable)	HP	125	40	60	60
Heating Load	KW	50	17.3	20.4	20.4
Maximum Screw Speed	RPM	48	56	56	56
ACCUMULATOR HEAD					
Accumulator Capacity	KG	32	34		
Heating Load	KW	60	73		
Parison Control Cylinder	DIA/MM	400	400		
Die Core Size (Min./Max.)	MM	250/600	300/450		
MOULD CLAMPING UNIT					
Maximum Opening	MM	3000	2800		
Minimum Opening	MM	1000	1000		
Maximum Mould Size (W x H)	MM	1500 x 1500	1400 x 2000		
Mould Clamping Force	TONE	150	120		
HYDRAULIC SYSTEM					
Hydraulic Drive Motor	HP	75	50		
Parison Powerpack Motor (Optional)	HP	NA	15		
Oil Tank Capacity	LTR	1000	1000 + 500		
Parison Powerpack Oil Tank Cpty (Optional)	LTR	NA	150		
Production Rate	NO/HR	10 pcs - 21 kg	14 to 16 pcs - 18kg		
Delivery Period	WEEKS	24-28	20-22		
Total Power	HP / KW	400 / 300	401 / 299		
MACHINE INSTALLATION					
Machine Dimensions (L x W x H)	FEET	NA	27 x 29 x 27		
Panel Dimensions (L x W x H)	INCH	NA	118 x 20 x 79		
Display Panel Dimensions (L x W x H)	INCH	NA	19 x 29 x 59		

Specification are indicative and subject to change without notice. GB : Grooved Bar

Salient features

- PLC control with MMI • FIFO accumulator head
- A.C. Variable frequency drive (Extruder)
- Yuken Hydraulics • Blow Moulding Process
- No Pulverizing • A Workhorse 24/7
- Light Weight • Less Manpower
- Threaded Lid • Plunger / Multi Hydraulic Range

Optional features

PWDS (Parison Control Systems)

Servo Hydraulic

Multipoint Parison Programmer



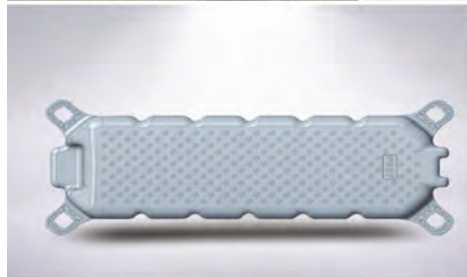
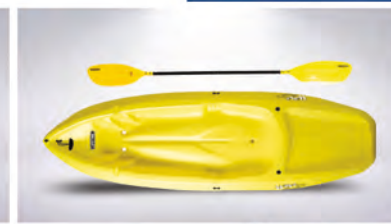
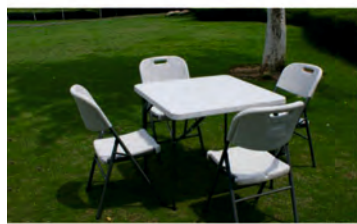
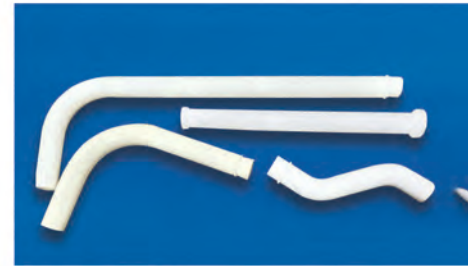
39-40

Custom Made Series

Fully Automatic Blow Moulding Machine

Modified as per applications

Automobile	ABS	Medical
Household	Agriculture	Hospital Bed
Chair and Table	ICE Box	Sports



PC Bottles



- Transmit fully enclosed solution for custom made machinery
- Exploring various practical possibilities as a medium for transformation to Blow Moulding

Custom Made Series

Fully Automatic Blow Moulding Machine

Toys and Play School





- Transmit fully enclosed solution for custom made machinery
- Exploring various practical possibilities as a medium for transformation to Blow Moulding

Auto Deflashing Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 10 LTR

Double Station / Single Layer Series

**Double Station
Single Layer
Series**

Applications

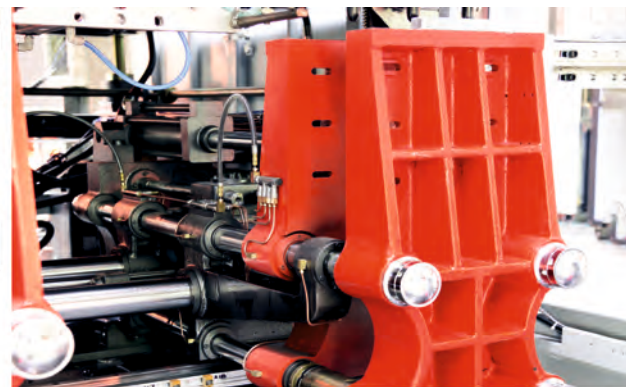
- Food Packaging • Cosmetics • Lubricants
- Edible Oil • Pharma • FMCG • Household • Pesticide

Salient features

- Auto Lubrication
- Water Cooled Modular Blow Pin
- Hot wire Cutting
- Adjustable Die Head
- Positioning Hole for Quick Mould Change
- Linear Transducer
- FRL (Filter, Regulator, Lubricator) for Pneumatic
- Proportional Hydraulics System for Better Control

Optional features

Multi Head	View Strip
Angular Blowing	Robotic Arm
Close Loop System	Servo System for Main Hydraulics
In Mould Labeling	Bimetallic Screw
Multi Point Parison Programmer	Screen Changer



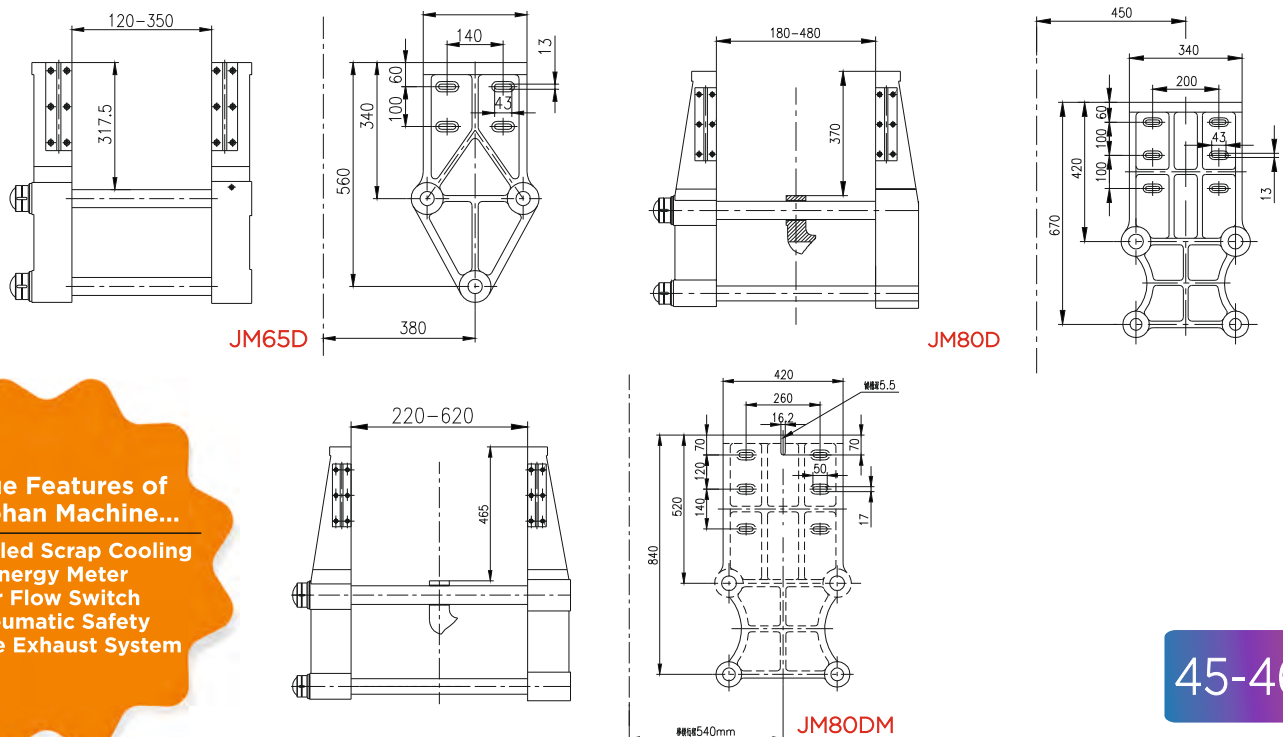
Technical Specification : Double Station / Single Layer Series

200 ML - 10 LTR

SPECIFICATIONS	JM65D/ TB	JM65DF/TOG	JM80D/TB	JM80DF/TOG	JM80DM/TB	JM 80DF-M/TOG
Material	PE	PE	PE	PE	PE	PE
Machine Dimension(L×W×H) Mtr	2.87 X 2.14 X 2.28	2.87 X 2.14 X 2.28	3.6×2.2×2.36	3.6×2.2×2.36	4 X 2.3 X 2.5	4 X 2.3 X 2.5
Total Weight Ton	3.5	3.5	5.5	5.5	8.2	8.2
CLAMPING						
Clamping Force KN	30	30	90	90	150	150
Platen Opening Strokes MM	120-350	120-350	180-480	180-480	220-620	240-600
Toggle Stroke MM	230	230	300	300	400	360
Max Mould Size (W×H) MM	360×300	360×320	430×370	430×370	520×460	530×410
EXTRUDER UNIT						
Screw Diameter MM	65	65	80	80	80	90
Screw L/D Ratio	24	24	24	24	24	24
(HDPE) Plasticizing Capacity KG/H	54	54	100	100	100	150
Screw Heating Zone	3	3	4	4	4	4
Screw Heating Power KW	12.3	12.3	15.85	15.85	15.85	19.3
Fan Power KW	0.28	0.28	0.28	0.28	0.28	0.28
Extruder Driving Power KW	18.5	18.5	30	30	30	45
DIE HEAD						
Die Head Heating Zone	3	3	3	3	3	15
Power Of Die Heating KW	4.2	4.2	8	8	10	20.2
ENERGY CONSUMPTION						
Power Of The Electric Motor KW	7.5	9.5	9.5	11	15	15
Air Pressure MPA	0.8	0.8	0.8	0.8	0.6-0.8	0.6-0.8
Total Power Of Machine KW	42.78	44.78	63.63	65.13	71.13	99.78
Average Energy Consumption KW	22	23	30 Kw	31	35	50
Compr Air Consumption M3/Min	1	1	1.2	1.2	1.5	1.5
Cooling Water Consumption L/Min	30	30	40	40	60	60
MULTICAITY						
No. of Piece/ Gram Per Hour						
No of Head X Ltr Capacity	1 Head x 1 Ltr		1 Head x 1 Ltr		1 Head x 5Ltr	
Double Head	2 Head x 0.5 L	CD = 130 MM	2 Head x 0.5 L	CD = 130 MM	2 Hx 1 L	CD = 160 MM
Triple Head	3 Head x 0.25 L	CD = 90 MM	3 Head x 0.25 L	CD = 90 MM	3 H x 0.500 L	CD = 120 MM
Four Head	4 Head x 0.100 L	CD = 75 MM	4 Head x 0.100 L	CD = 75 MM	4 H x 0.250 L	CD = 100 MM

Specification are indicative and subject to change without notice.

Platen Drawings : Double Station / Single Layer Series



Unique Features of Jagmohan Machine...

- Controlled Scrap Cooling
- Energy Meter
- Air Flow Switch
- Pneumatic Safety
- Unique Exhaust System

Auto Deflashing Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 10 LTR

Double Station / Double Layer Series

**Double Station
Double Layer
Series**

Applications :

- Food Packaging • Cosmetics • Lubricants
- Edible Oil • Pharma • FMCG • Household • Pesticide

Salient features

- Auto Lubrication
- Water Cooled Modular Blow Pin
- Hot wire Cutting
- Adjustable Die Head
- Positioning Hole for Quick Mould Change
- Linear Transducer
- FRL (Filter, Regulator, Lubricator) for Pneumatic
- Proportional Hydraulics System for Better Control

Optional features

Multi Head	View Strip
Angular Blowing	Robotic Arm
Close Loop System	Servo System for Main Hydraulics
In Mould Labeling	Bimetallic Screw
Multi Point Parison Programmer	Screen Changer



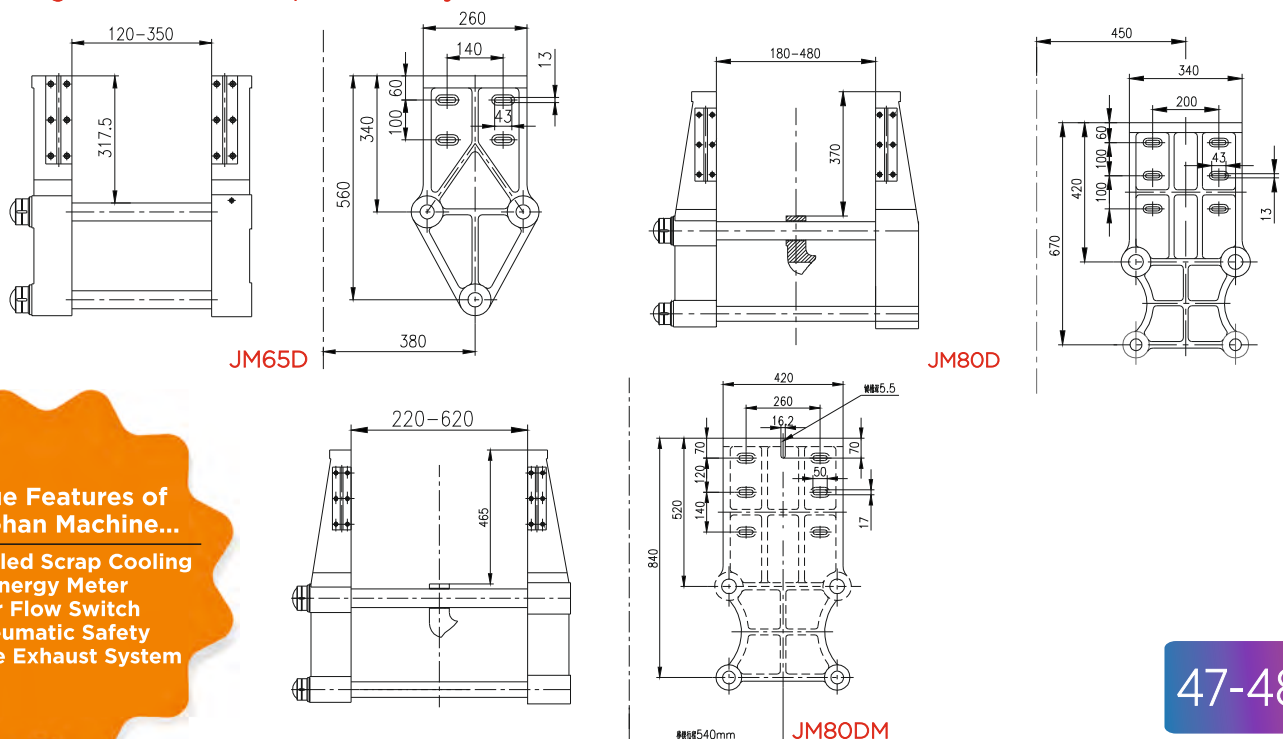
Technical Specification : Double Station / Double Layer Series

200 ML - 10 LTR

SPECIFICATIONS	JM65D/TB	JM65DF/TOG	JM80D/TB	JM80DF/TOG	JM80DM/TB	JM80DF-M/TOG
Material	PE	PE	PE	PE	PE	PE
Machine Dimension(L×W×H) Mtr	2.87 X 2.14 X 2.28	2.87 X 2.14 X 2.28	3.6×2.2×2.36	3.6×2.2×2.36	4 X 2.3 X 2.5	4 X 2.3 X 2.5
Total Weight Ton	3.5	3.5	5.5	5.5	8.2	8.2
CLAMPING						
Clamping Force KN	30	30	90	90	150	150
Platen Opening Strokes MM	120-350	120-350	180-480	180-480	220-620	240-600
Toggle Stroke MM	230	230	300	300	400	360
Max Mould Size (W×H) MM	360×300	360×320	430×370	430×370	520×460	530×410
EXTRUDER UNIT						
Screw Diameter MM	65/45	65/45	80/55	80/55	80/55	80/55
Screw L/D Ratio	24/24	24/24	24/24	24/24	24/24	24/24
(HDPE) Plasticizing Capacity KG/H	54/21	54/21	100/45	100/45	100/45	100/45
Screw Heating Zone	3/3	3/3	4/3	4/3	4/3	4/3
Screw Heating Power KW	12.3/5.25	12.3/5.25	15.85/5.85	15.85/5.85	15.85/5.85	15.85/5.85
Fan Power KW	0.28/0.28	0.28/0.28	0.28	0.28/0.28	0.28/0.28	0.28/0.28
Extruder Driving Power KW	18.5/7.5	18.5/7.5	30/11	30/11	30/11	30/11
DIE HEAD						
Die Head Heating Zone	4	4	4	4	4	15
Power Of Die Heating KW	5	5	9	9	11	22
ENERGY CONSUMPTION						
Power Of The Electric Motor KW	7.5	9.5	9.5	11	15	15
Air Pressure MPA	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Total Power Of Machine KW	56.61	56.61	84.76	86.26	89.26	101.06
Average Energy Consumption KW	27	27	40	41	44	51
Compr Air Consumption M3/Min	1	1	1.2	1.2	1.5	1.5
Cooling Water Consumption L/Min	30	30	40	40	60	60
MULTICAITY						
No. of Piece/ Gram Per Hour						
No of Head X Ltr Capacity	1 Head x 1 Ltr	1 Head x 1 Ltr	1 H x 3 Ltr	1 H x 3 Ltr	1 Head x 5Ltr	1 Head x 15Ltr
Double Head	2 Head x 0.5 L CD = 130 MM	2 Head x 0.5 L CD = 130 MM	2 Hx 1 L CD = 160 MM	2 Hx 1 L CD = 160 MM	2 H x 2L CD = 180 MM	2 H x 2L CD = 180 MM
Triple Head	3 Head x 0.25 L CD = 90 MM	3 Head x 0.25 L CD = 90 MM	3 H x 0.500 L CD = 120 MM	3 H x 0.500 L CD = 120 MM	3 H x 1 L CD = 140 MM	3 H x 1 L CD = 140 MM
Four Head	4 Head x 0.100 L CD = 75 MM	4 Head x 0.100 L CD = 75 MM	4 H x 0.250 L CD = 100 MM	4 H x 0.250 L CD = 100 MM	4 H x 0.5 L CD = 110 MM	4 H x 0.5 L CD = 110 MM

Specification are indicative and subject to change without notice.

Platen Drawings : Double Station / Double Layer Series



Auto Deflashing Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 10 LTR

Double Station / Triple Layer Series

**Double Station
Triple Layer
Series**

Applications

- Food Packaging • Cosmetics • Lubricants
- Edible Oil • Pharma • FMCG • Household • Pesticide

Salient features

- Auto Lubrication
- Water Cooled Modular Blow Pin
- Hot wire Cutting
- Adjustable Die Head
- Positioning Hole for Quick Mould Change
- Linear Transducer
- FRL (Filter, Regulator, Lubricator) for Pneumatic
- Proportional Hydraulics System for Better Control

• PCR Usage

Optional features

Multi Head	View Strip
Angular Blowing	Robotic Arm
Close Loop System	Servo System for Main Hydraulics
In Mould Labeling	Bimetallic Screw
Multi Point Parison Programmer	Screen Changer



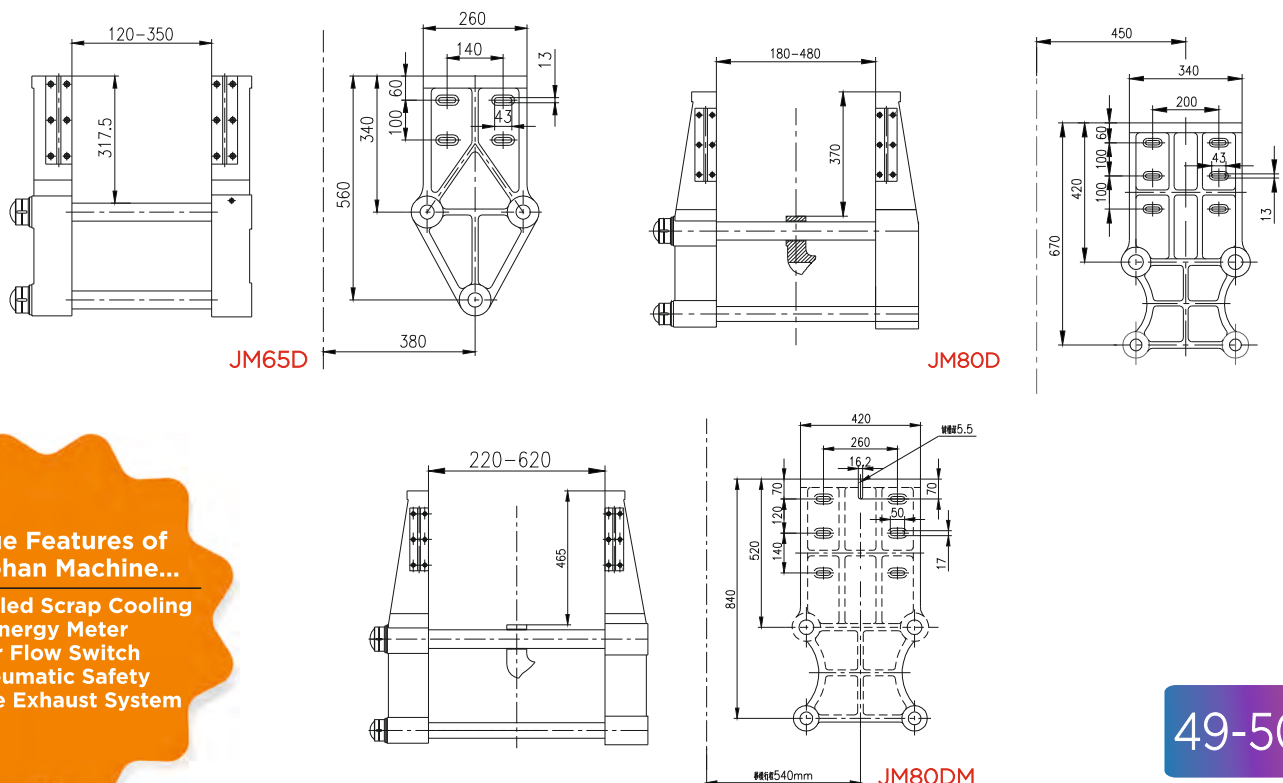
Technical Specification : Double Station / Triple Layer Series

200 ML - 10 LTR

SPECIFICATIONS	JM65D-3L	JM65DF-3L	JM80D-3L	JM80DF/TOG-3L	JM80DM/TB-3L	JM80DF-M/TOG
Material	PE	PE	PE	PE	PE	PE
Machine Dimension(L×W×H) Mtr	2.87 X 2.14 X 2.28	2.87 X 2.14 X 2.28	3.6×2.2×2.36	3.6×2.2×2.36	4 X 2.3 X 2.5	4 X 2.3 X 2.5
Total Weight Ton	3.5	3.5	5.5	5.5	8.2	8.2
CLAMPING						
Clamping Force KN	30	30	90	90	150	150
Platen Opening Strokes MM	120-350	120-350	180-480	180-480	220-620	240-600
Toggle Stroke MM	230	230	300	300	400	360
Max Mould Size (W×H) MM	360×300	360×320	430×370	430×370	520×460	530×410
EXTRUDER UNIT						
Screw Diameter MM	40/55/40	40/55/40	55/70/55	55/70/55	55/70/55	55/70/55
Screw L/D Ratio	24/24/24	24/24/24	24/24/24	24/24/24	24/24/24	24/24/24
(HDPE) Plasticizing Capacity KG/H	15/45/15	15/45/15	45/75/45	45/75/45	45/75/45	45/75/45
Screw Heating zone	2/3/2	2/3/2	3 /3/ 3	03/03/03	03/03/03	03/03/03
Screw Heating Power KW	4/5.85/4	4/5.85/4	5.85/12.7/5.85	5.85/12.7/5.85	5.85/12.7/5.85	5.85/12.7/5.85
Fan Power KW	0.14/0.28/0.14	0.14/0.28/0.14	0.28/0.28/0.28	0.28/0.28/0.28	0.28/0.28/0.28	0.28/0.28/0.28
Extruder Driving Power KW	5.5/11/5.5	5.5/11/5.5	11/18.5/11	11/18.5/11	11/18.5/11	11/18.5/11
DIE HEAD						
Die Head Heating Zone	5	5	8	8	8	15
Power of Die Heating KW	6	6	11.45	11.45	11.45	30
ENERGY CONSUMPTION						
Power of The Electric Motor KW	7.5	9.5	9.5	11	15	15
Air Pressure MPA	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Total Power of Machine KW	49.91	51.91	87.41	88.19	92.19	105.94
Average Energy Consumption KW	24	25	39	40	45	52
Compr. Air Consumption M3/Min	1	1	1.2	1.2	1.5	1.5
Cooling Water Consumption L/Min	30	30	40	40	60	60
MULTICAVIDY						
No. of Piece/ Gram Per Hour.						
No of Head x Ltr Capacity	1 Head x 1 Ltr	1 Head x 1 Ltr	1 H x 3 Ltr	1 H x 3 Ltr	1 Head x 5Ltr	1 Head x 15Ltr
Double Head	2 Head x 0.5 L CD = 130 MM	2 Head x 0.5 L CD = 130 MM	2 Hx 1 L CD = 160 MM	2 Hx 1 L CD = 160 MM	2 H x 2L CD = 180 MM	2 H x 2L CD = 180 MM

Specification are indicative and subject to change without notice.

Platen Drawings : Double Station / Triple Layer Series



Unique Features of Jagmohan Machine...

- Controlled Scrap Cooling
- Energy Meter
- Air Flow Switch
- Pneumatic Safety
- Unique Exhaust System

Auto Deflashing Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 5 LTR

Double Station / Four to Six Layer Series

Unique Features of Jagmohan Machine...

- Controlled Scrap Cooling
- Energy Meter
- Air Flow Switch
- Pneumatic Safety
- Unique Exhaust System

Applications

- Food Packaging • Cosmetics • Lubricants
- Edible Oil • Pharma • FMCG • Household • Pesticide

Salient features

- Auto Lubrication
- Water Cooled Modular Blow Pin
- Hot wire Cutting
- Adjustable Die Head
- Positioning Hole for Quick Mould Change
- Linear Transducer
- FRL (Filter, Regulator, Lubricator) for Pneumatic
- Proportional Hydraulics System for Better Control

Optional features

Multi Head	View Strip
Angular Blowing	Robotic Arm
Close Loop System	Servo System for Main Hydraulics
In Mould Labeling	Bimetallic Screw
Multi Point Parison Programmer	Screen Changer



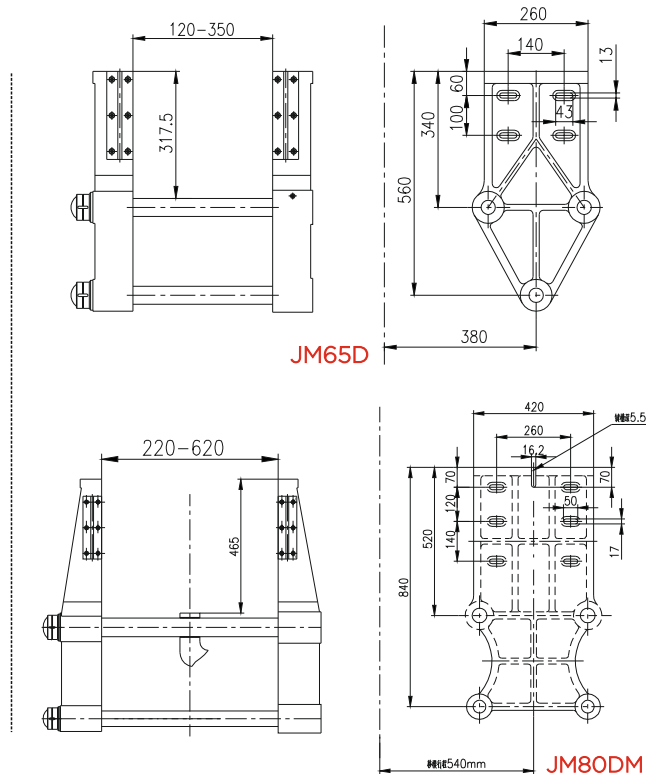
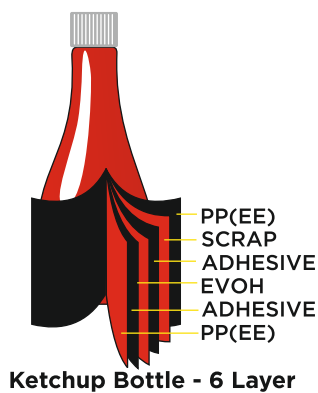
Technical Specification : Double Station / Four to Six Layer Series

200 ML - 5LTR

SPECIFICATIONS	JM65D-4L	JM80D-4L	JM65D-5L	JM80D-5L	JM80D-6L
Material	PE	PE	PE	PE	PE PP
Machine Dimension(L×W×H) Mtr	2.87×2.14×2.28	3.6×2.2×2.36	2.87×2.14×2.28	3.7×2.3×2.5	3.6×2.2×2.36
Total Weight Ton	5	7.5	5.5	10	8
CLAMPING					
Clamping Force KN	30	90	30	150	90
Platen Opening Strokes MM	120-350	180-480	120-350	220-620	180-480
Toggle Stroke MM	230	300	230	400	300
Max Mould Size (W×H) MM	360×300	430×370	360×300	520×460	430×370
EXTRUDER UNIT					
Screw Diameter MM	55/45/30/30	35/35/70/55	45/55/35/30	55/70/35/35	40/50/30/30/40
Screw L/D Ratio	24/24/20/20	24/24/24/24	24/24/24/20	24/24/24/24	24/24/24/24/24
(HDPE) Plasticizing Capacity KG/H	45/21/10/10	15/15/75/45	21/45/15/10	45/75/15/15	15/30/10/10/15
Screw Heating zone	3/3/2/2	2/2/3/3	3/3/2/2	3/3/2/2	2/2/2/2/2
Screw Heating Power KW	5.85/5.25/2.7/2.7	3.9/3.9/12.7/5.85	5.25/5.85/3.9/2.7	5.85/12.7/3.9/3.9	4/5.9/2.7/2.7/4
Fan Power KW	0.28/0.28/0.14/0.14	0.14/0.14/0.28/0.28	0.28/0.28/0.14/0.14	0.28/0.28/0.14/0.14	0.14/0.28/0.14/0.14/0.14
Extruder Driving Power KW	11/7.5/5.5/5.5	5.5/5.5/18.5/11	7.5/11/5.5/5.5	11/18.5/5.5/5.5	5.5/11/5.5/5.5/5.5
DIE HEAD					
Die Head Heating Zone	6	9	8	10	17
Power of Die Heating KW	7	15	10	15	17
ENERGY CONSUMPTION					
Power of The Electric Motor KW	7.5	9.5	7.5	15	9.5
Air Pressure MPA	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Total Power of Machine KW	61.34	92.19	65.54	97.69	79.64
Average Energy Consumption KW	31	46	32	49	39.82
Compr. Air Consumption M3/Min	1	1.2	1	1.5	1.2
Cooling Water Consumption L/Min	30	40	30	60	40
MULTICAVIDITY					
No. of Piece/ Gram Per Hour.					
No of Head x Ltr Capacity	1 Head x 1 Ltr	1 Head x 5 Ltr	1 Head x 5 Ltr	1 Head x 5 Ltr	1 Head x 5 Ltr
Double Head	2 Head x 0.5 L CD = 130 MM	2 Head x 1 L CD = 160 MM	2 Hx 1 L CD = 160 MM	2 H x 1 L CD = 160 MM	2 H x 1 L CD = 160 MM

Specification are indicative and subject to change without notice.

Platen Drawings : Double Station / Four to Six Layer Series



Auto Deflashing Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 20 LTR
FS Series

FS Series

Applications

- Food Packaging • Cosmetics • Lubricants
- Edible Oil • Pharma • FMCG • Household • Pesticide

Salient features

- Auto Lubrication
- Water Cooled Modular Blow Pin
- Hot wire Cutting
- Adjustable Die Head
- Positioning Hole for Quick Mould Change
- Linear Transducer
- FRL (Filter, Regulator, Lubricator) for Pneumatic
- Proportional Hydraulics System for Better Control
- Hydraulic Deflashing

Optional features

Multi Head	View Strip	
Angular Blowing	Robotic Arm	
Close Loop System	Servo System for Main Hydraulics	
In Mould Labeling	Bimetallic Screw	
Multi Point Parison Programmer	Screen Changer	Post Cooling Arrangement



This machine is highly recommended for High speed IML (In Mould Labeling)



Auto Deflashing Series

Fully Automatic Blow Moulding Machine

Ranging from :

200 ML - 30 LTR
FD Series

FD Series

Applications

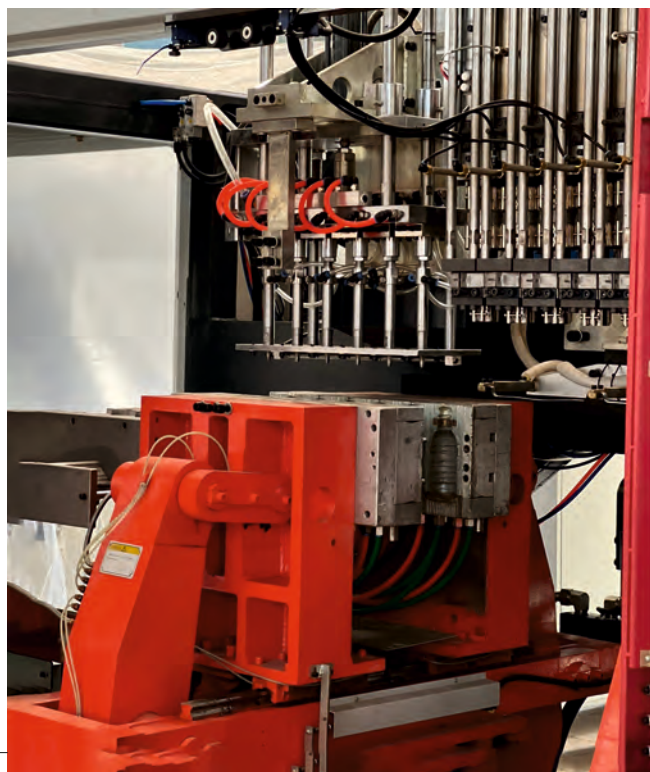
- Food Packaging • Cosmetics • Lubricants
- Edible Oil • Pharma • FMCG • Household • Pesticide

Salient features

- Auto Lubrication
- Water Cooled Modular Blow Pin
- Hot wire Cutting
- Adjustable Die Head
- Positioning Hole for Quick Mould Change
- Linear Transducer
- FRL (Filter, Regulator, Lubricator) for Pneumatic
- Proportional Hydraulics System for Better Control

Optional features

Multi Head	View Strip
Angular Blowing	Robotic Arm
Close Loop System	Servo System for Main Hydraulics
In Mould Labeling	Bimetallic Screw
Multi Point Parison Programmer	Screen Changer



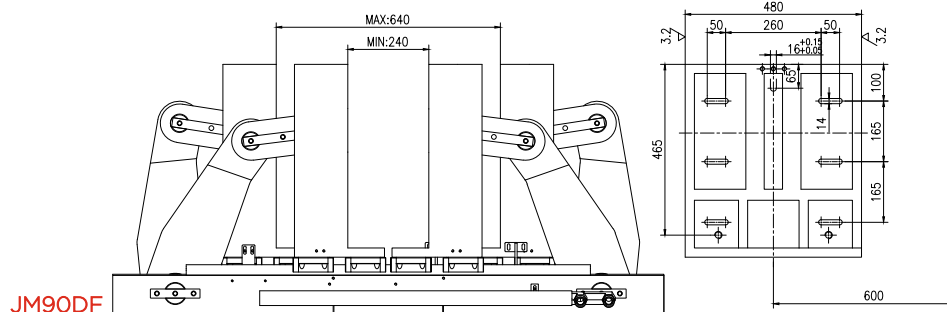
Technical Specification : FD Series

200 ML - 30 LTR

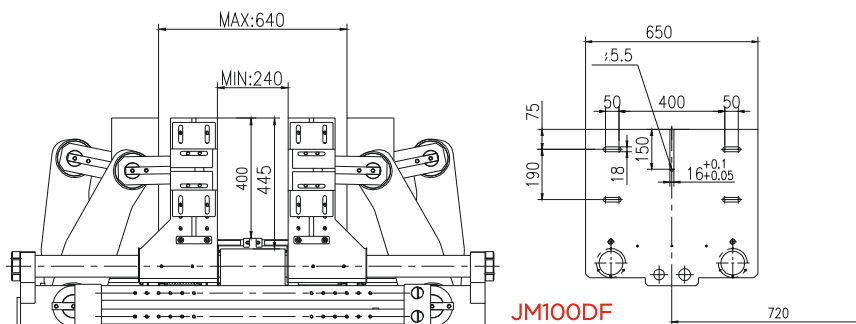
SPECIFICATIONS	JM90DF/TOG	JM90DF/TOG-3L	JM-100FD	JM-100FD-3L	JM-30FD	JM-30FD-3L
Material	PE	PE	PE PP	PE PP	PE PP	PE
Machine Dimension(L×W×H) Mtr	3.4 X 5.6 X 2.36	3.4 X 5.6 X 2.36	6.5×5.2×3.2	6.5×5.2×3.2	6.1 X 6.4 X 3.6	6.1 X 6.4 X 3.6
Total Weight Ton	14	14	20	20	18	18
CLAMPING						
Clamping Force KN	150	150	200	200	270	270
Platen Opening Strokes MM	240-640	240-640	240-640	240-640	450-850	450-850
Toggle Stroke MM	400	400	400	400	400	400
Max Mould Size (W×H) MM	550×370	550×370	700×400	700×400	580×630	580×630
EXTRUDER UNIT						
Screw Diameter MM	90	55/70/55	100	70/80/70	90	70/80/70
Screw L/D Ratio	24	24/24/24	26	24/24/24	24	25/25/25
(HDPE) Plasticizing Capacity KG/H	150	45/75/45	180	75/100/75	180	90/130/90
Screw Heating Zone	4	03/03/03	4	3/4 /3	4	4/4/4
Screw Heating Power KW	17.1	5.83/12.7/5.85	17.4	12.7/15.85/12.7	21.4	14/18/14
Fan Power KW	0.28	0.28/0.28/0.28	0.28	0.28/0.28/0.28	0.28	0.28/0.28/0.28
Extruder Driving Power KW	45	11/18.5/11	55	18.5/30/18.5	55	30/45/30
DIE HEAD						
Die Head Heating Zone	3	8	7	11	11	7
Power Of Die Heating KW	10	11.45	19	25.2	4	4
ENERGY CONSUMPTION						
Power Of The Electric Motor KW	29	29	31	31	30+7.5	30+7.5
Air Pressure MPA	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Total Power Of Machine KW	100.13	100.26	122.68	165.29	117.9	189.34
Average Energy Consumption KW	50	53	61	83	40	94.67
Compr Air Consumption M3/Min	1.5	1.5	3	4	1.5	1.5
Cooling Water Consumption L/Min	60	60	150	150	60	60
MULTICAITY						
No. of Piece/ Gram Per Hour						
No of Head X Ltr Capacity	1 Head x 15 Ltr		1 H x 20 Ltr		1 Head x 20Ltr	
Double Head	2 Head x 2 L	CD = 180 MM	2 Hx 1 L	CD = 270 MM	2 Hx 1 L	CD = 270 MM
Triple Head	3 Head x 1 L	CD = 140 MM	3 Head x 1 L	CD = 140 MM		
Four Head	4 Head x 0.5 L	CD = 110 MM	4 Head x 0.5 L	CD = 110 MM		

Specification are indicative and subject to change without notice.

Platen Drawings : FD Series



JM90DF



JM100DF

Unique Features of Jagmohan Machine...

- Controlled Scrap Cooling
- Energy Meter
- Air Flow Switch
- Pneumatic Safety
- Unique Exhaust System

IBM Series (Injection Blow Moulding)

Fully Automatic Injection Blow Moulding Machine

Ranging from :

5 ML - 1000 ML
European Type Series

**IBM- Euro
Series**

Applications

- Chewing Gum Bottle • Cosmetic Bottle
- Pesticide Bottle • Eye Drops Bottle
- Pill Bottles • Medical Injection Bottles
- Roll Ball Bottles

Salient features

- Down Setting for Clamping Cylinder ensure the product clean (Maintenance free product)
- Machine height less for the easy operation and settling moulds
- Servo System for Hydraulic and for rotary table is standard
- Mould clamping force balance and uniform throughout

Optional features

Leak Testing System

Automatic Bagging System

In Mould Labeling



IBM Series (Injection Blow Moulding)

Fully Automatic Injection Blow Moulding Machine

Ranging from :

5 ML - 1000 ML
Hybrid Type Series



Applications

- Chewing Gum Bottle • Cosmetic Bottle
- Pesticide Bottle • Eye Drops Bottle
- Pill Bottles • Medical Injection Bottles
- Roll Ball Bottles

Salient features

- Synchronised Mould Opening & Closing for Faster Cycle time.
- Servo Electric for Screw Refilling Operation.
- Servo Electric for rotational table
- Servo Electric for bottle ejection
- Servo System for Hydraulics.

Optional features

Leak Testing System

Automatic Bagging System

In Mould Labeling



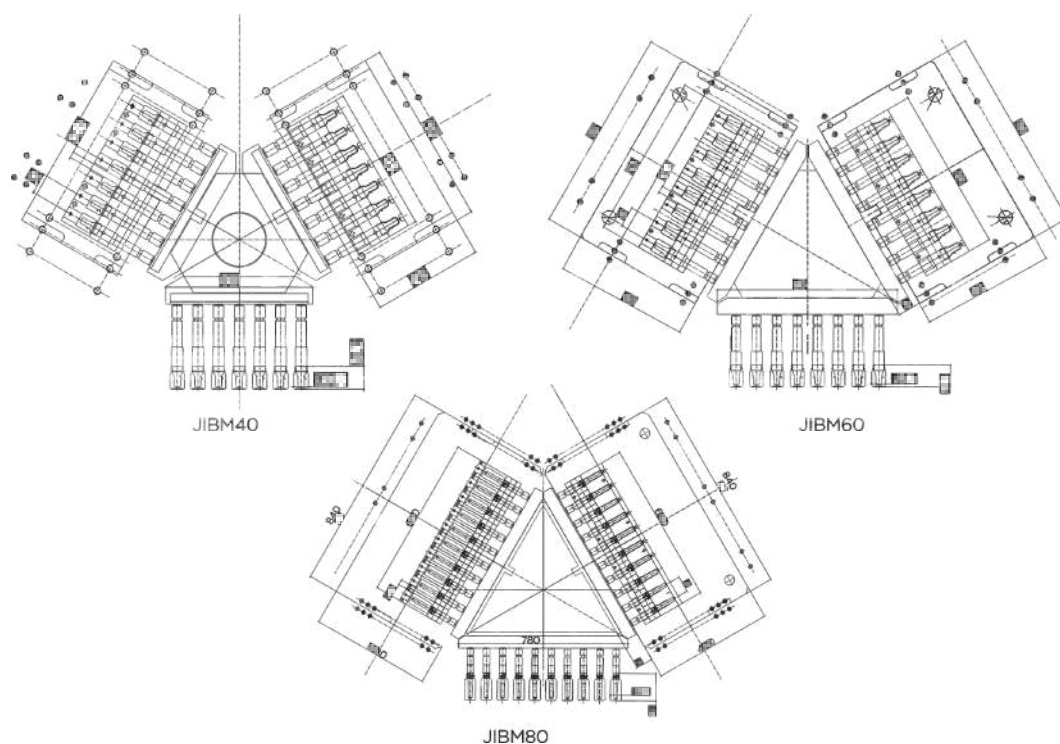
Technical Specification : Hybrid Type Series

5 ML - 1000 ML

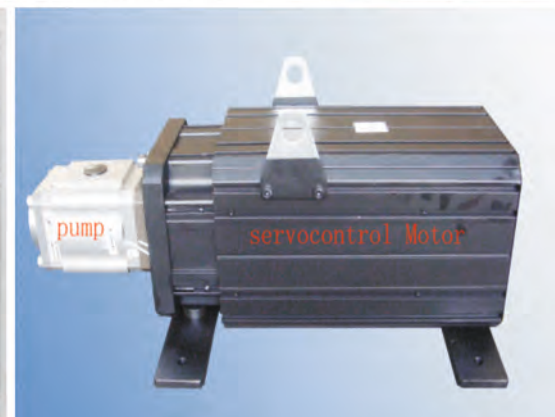
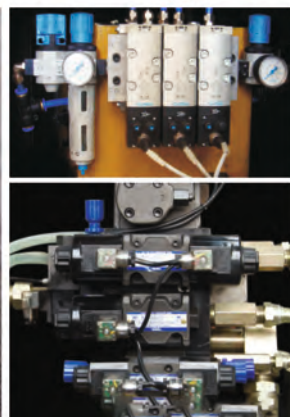
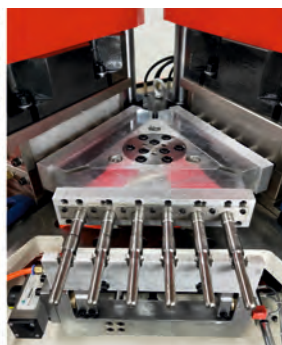
SPECIFICATIONS	UNIT	JIBM 40TH	JIBM 60TH	JIBM 80TH
Injection System				
Screw Diameter	MM	45	45	55
Screw L/D	%	22:1	22:1	22:1
Injection Weight	G	200	300	534
Heating Power	KW	12+4	14	20
Number of Barrel Zone		3+N	3+N	5+N
Injection Stroke	MM	160	160	160
Clamping System				
Clamping Force of Injection	KN	400	600	800
Opening Stroke for Injection	MM	140	140	140
Clamping Force of Blowing	KN	60	100	120
Opening Stroke for Blowing	MM	140	140	140
Lifting Height of Rotary Table	MM	70	70	70
Mould				
Max. Platen Size (L x W)	MM	480×340	600×390	800×400
Mould Thickness	MM	180	240	280
Max. Dia.of Bottle	MM	120	120	120
Max. Bottle Height	MM	220	220	220
Suitable Bottle Size	ML	1-1000	1-1000	1-1000
Stripping Stroke	MM	220	230	230
Hydraulic System				
Hydraulic Pressure	Mpa	14	14	14
Motor Power	KW	15	18.5	18.5 + 18.5
Dry Cycle	S	4	4	4
Total Power	KW	50	60	87
Operating Power	%	52-70	52-70	52-70
Others				
Min. Air pressure of Compressed Air	Mpa	0.8-1.2	0.8-1.2	0.7-1.2
Compressed Air Capacity	M ³ /MIN	0.8	0.8	0.7
Water Flowage	M ³ /H	4	4	4
Cooling Water Pressure	Mpa	0.3-0.4	0.3-0.4	0.3-0.4
Dimension (L× W× H)	M	4×1.7×1.9	4.5×1.8×2	5×1.9×2

Specification are indicative and subject to change without notice.

Platen Drawings : Hybrid Series



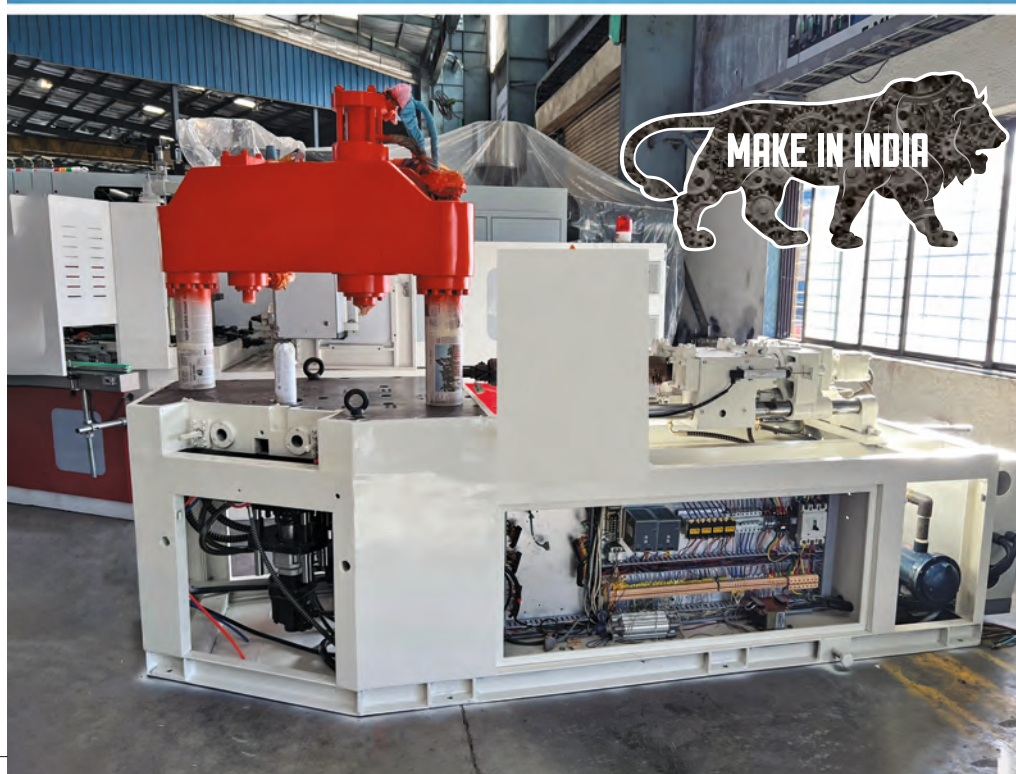
Turnkey Project for IBM



Cavity Calculator : European Type Series 5 ML - 1000 ML

VOLUME (ML)	BOTTLE Dia. (MM)	JIBM 40 CAVITY	JIBM 60 CAVITY	JIBM 80 CAVITY	JIBM 100 CAVITY
5	15	9	14	18	22
10	20	9	12	16	20
20	25	8	10	14	18
30	30	7	9	13	16
40	35	7	8	12	15
60	40	6	8	12	14
80	45	5	7	10	13
100	50	4	7	10	12
150	53	3	6	8	9
200	58	3	5	7	8
400	65	2	4	6	7
650	80	1	2	5	6
800	90	1	2	4	5
1000	90	1	1	2	3

Specification are indicative and subject to change without notice.

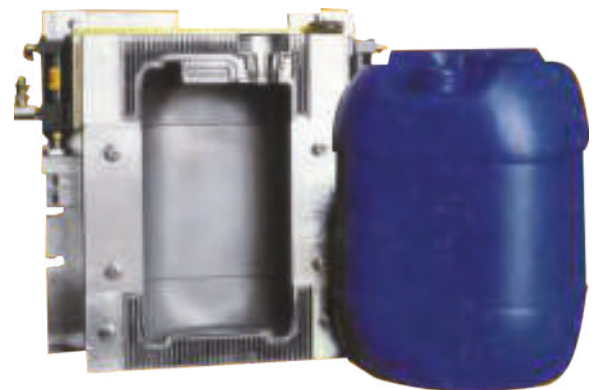
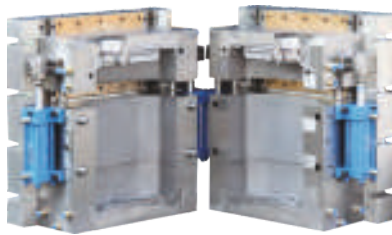
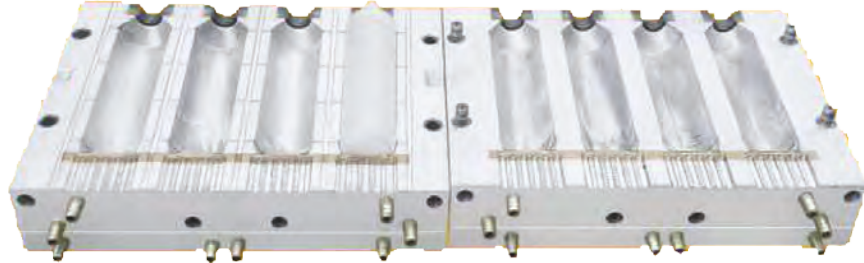
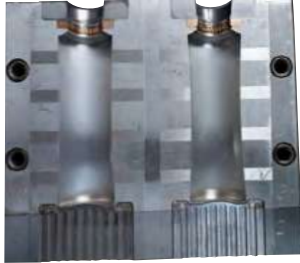


Blow Mould Designs

For Blow Moulding Machines

MOC of Mould :

- OHNS • MS • P20
- SS • Alumac



Deflashing Mould

For Blow Moulding Machines

MOC of Mould :

- P20 • SS2316/SS410
- Alumac (AL7075/89)



Injection Mould

Available with : • Hot - Runner
• Cold - Runner

MOC of Mould :

- P20
- SS

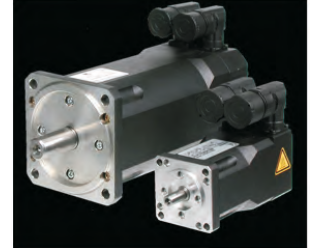


Optional Features

For Blow Moulding Machines

Servo System Based Gear Pump ▶

- High Energy saving from 20% to 45%
- The synchronous permanent magnet servo motor has higher efficiency and better power factor and no slip as compared to normal AC Motor
- Due to Close loop servo system; dynamic response to flow and pressure changes is very fast and accurate. This results in improvement in the quality of the product being produced in the machine
- This servo drive has conformal coating on the Electronic card and hence better protection against dust, contamination, rust and hence longer life



▶ Multipoint Parison Programmer

- Integrated Parison control Block for precise parison control.
- Upto 200 parison point profile can be set by operator.
- Parison profile curve can be stretched or compressed. Start and End point are settable.
- Real time trace for Set ,Actual and control deviation can be made with settable sampling time
- Easy access for the parison profile entry with the dedicated keys.
- Numeric representation of the profile points is provided with Recipe and Alarm Management.



Robotic Gripper ▶

- Automatic Container Ejector for Easy handling and convenient flash cutting



▶ In-Mould Labeling

- Automatically stick the label on product surface.
- Advantage to reduce the cost of labour and avoid error of lable stick.

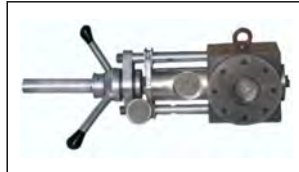


▶ In addition we can also infer and align

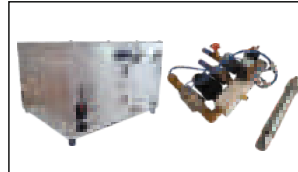
Auto Lubrication



Screen Changer



Air Booster



Induction Heater



Energy Saving Heater



Energy Meter

Ancillaries

For Blow Moulding Machines

We can also offer you the complete turnkey project for manufacturing Blow Moulded applications.

• Hopper Loader



• Water Chiller



• Air Compressor



• Cooling Tower

• Scrap Grinder



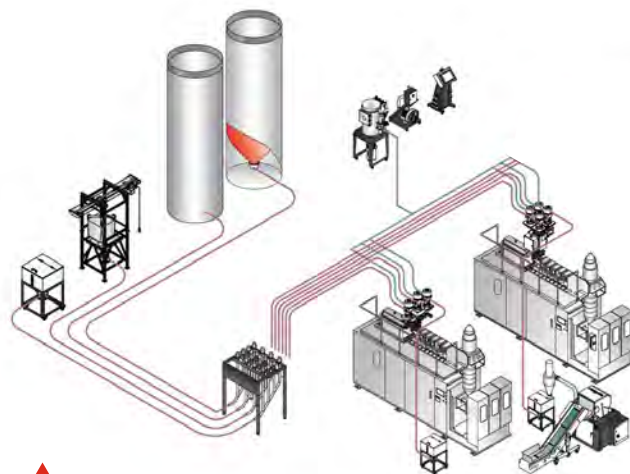
• Colour Mixer



• Volumetric Doser

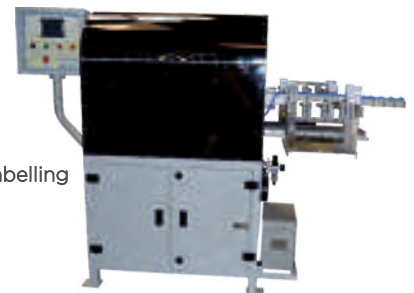


• Injection Moulding Machine



▲ Centralized Close Loop Material Feeding System

• IML - In Mould Labelling



POST PRODUCTION AUTOMATION



• Vision Checking



• Incline Conveyor



• Weight Checking



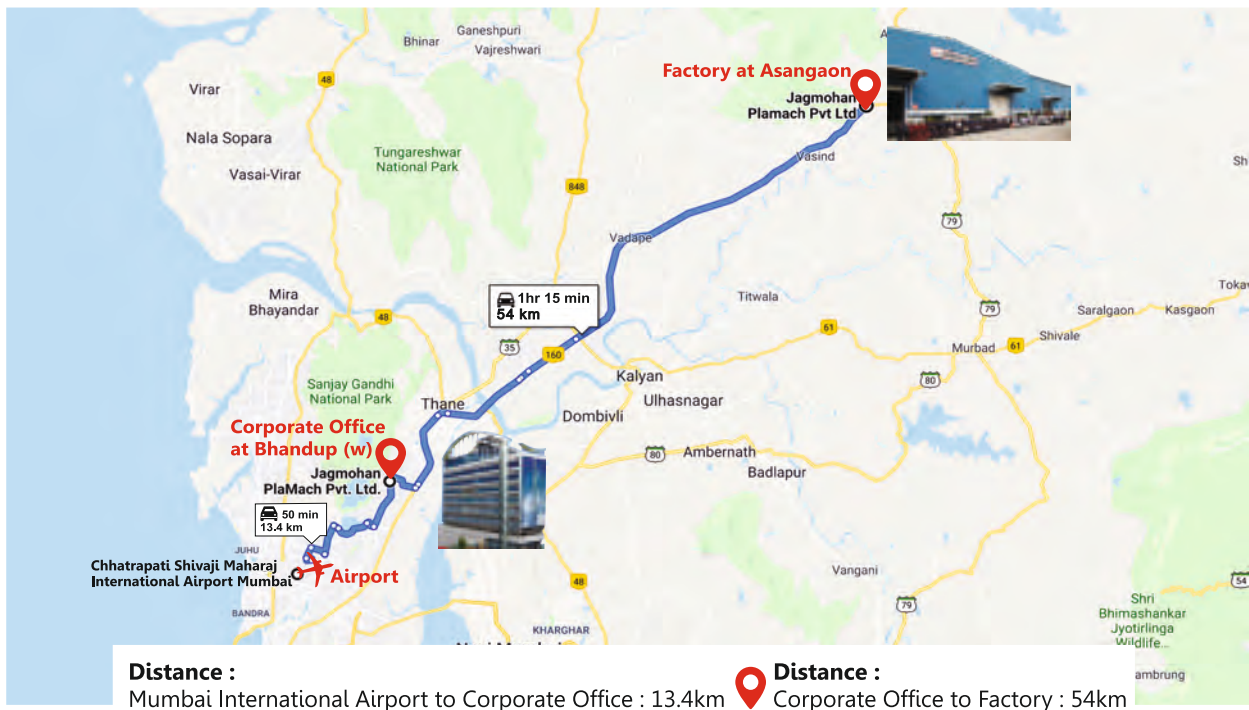
• Horizontal Conveyor



• Bagging Machine



• Leak Testing



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