



**POWERING PROGRESS THROUGH PLASTICS**

**THE ALL INDIA PLASTICS  
MANUFACTURERS' ASSOCIATION**

[www.aipma.net](http://www.aipma.net)

*Presented by*

**ARVIND MEHTA**

Chairman - AIPMA Governing Council  
Chairman - AIPMA's AMTEC

# ABOUT AIPMA



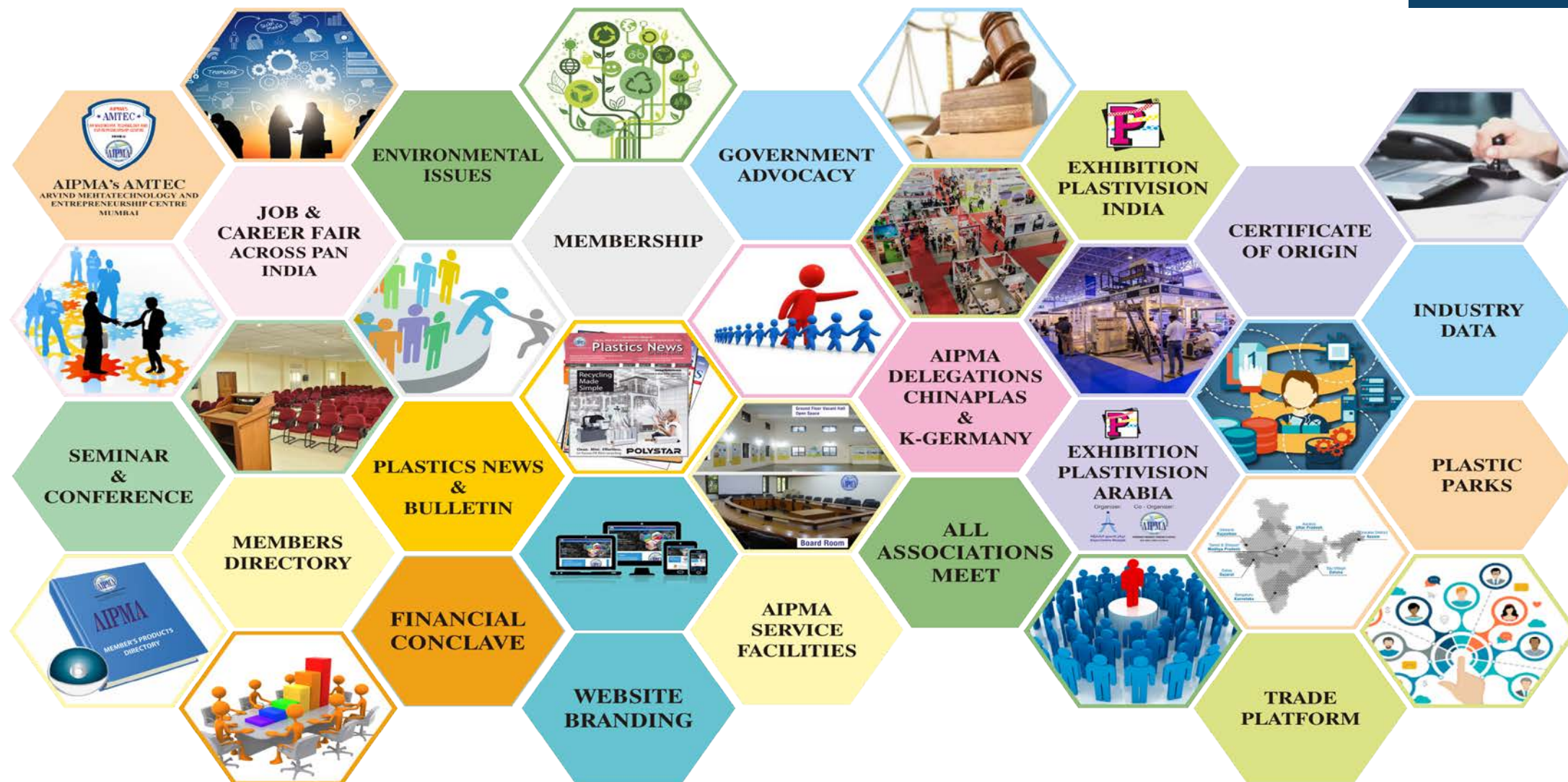
## THE ALL INDIA PLASTICS MANUFACTURERS' ASSOCIATION

- ❖ AIPMA founded in 1945 completing 75 years of its service.
- ❖ Direct association with more than 2500 members.
- ❖ 22000 members through our over 40 affiliated Associations from all over India.
- ❖ Members come from industry like Plastic Processors, additives manufacturers, machinery manufacturers, moulds & dies makers, traders, exporters, manufacturers, consultants, institutions and many more.
- ❖ Active association with esteemed organization like CII, CIPET, MCCI, IPI, IIP, IMC, ICC, FASII, AIIA, DIA, FAM.
- ❖ Service to Industry Vertical i.e AMTEC

# SPECTRUM OF AIPMA SERVICES

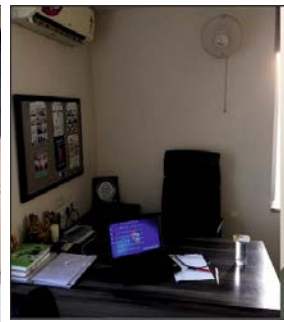
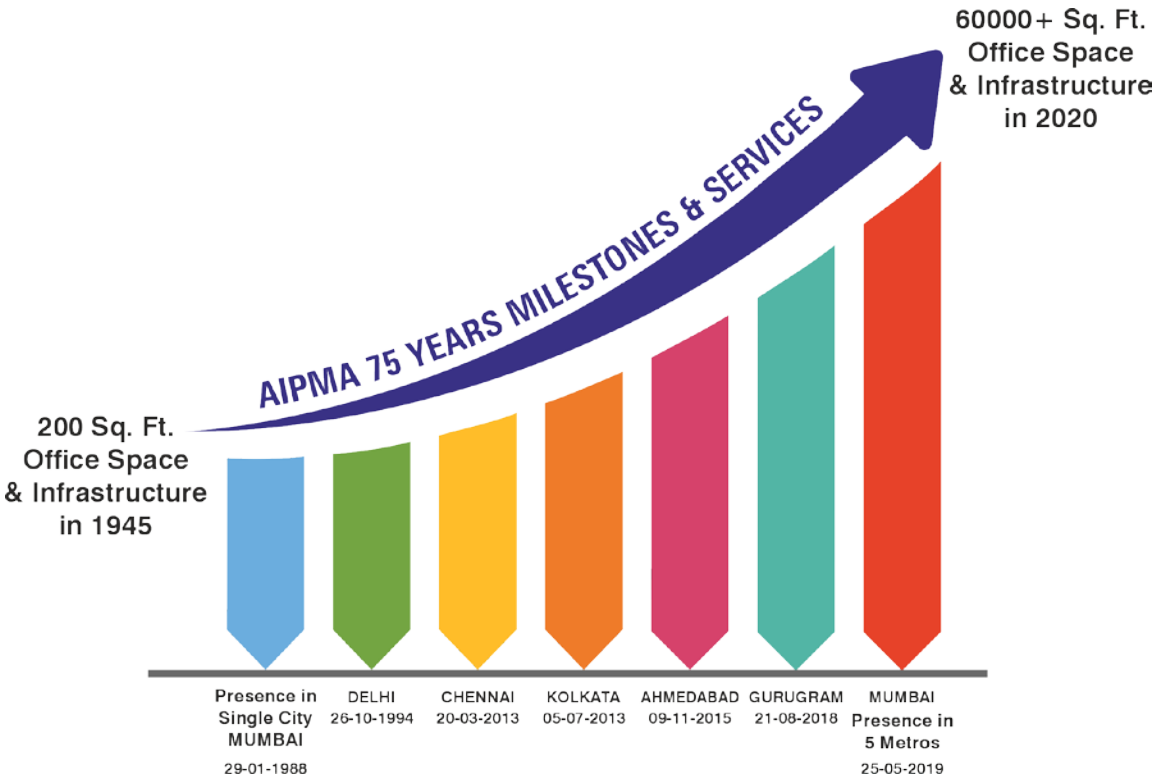


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# OFFICE SPACE & INFRASTRUCTURE



# ADVOCACY



- Economic Policy Measures that can benefit the companies in the Plastic Sector
- Role of Plastics in safeguarding the Nation against Coronavirus
- Mitigate with Government with respect to the deep crisis faced by MSME's in Plastic Sector due to Covid.
- Ease of doing Business in plastics processing sector
- Availability of high quality and affordable Raw material and Plastics processing machines
- Import duty and fiscal measures
- Access to Government schemes and funding for the help of MSME's



# ENVIRONMENT INITIATIVES



- Policy Advise to MoEF, CPCB, State Government on Environment matters
- EPR Activity
- Plastic waste collection drive with Keshav Srushti
- Plastic Positive Certification
- National Convention on Plastic Recycling and Waste Management Technologies
- Plastic Waste Management and Recycling Conference (*Value Creation from Waste*)
- Online Awareness Campaign (Disposal of Biomedical Waste generated from households)
- Initiative to bring ease to lives of Ragpickers affected by COVID 19 Pandemic
- Seedballs Dispersion Activity



# PLASTIVISION INDIA 2023

# INDIA'S MOST INFLUENTIAL PLASTICS EXHIBITION

BOMBAY EXHIBITION CENTRE, GOREGAON | MUMBAI | INDIA



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30  
YEARS OF  
TRUST

**PLASTIVISION**  
INDIA | 2023 | MUMBAI  
FEB 09 10 11 12 13

Organized by



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# AIPMA's AMTEC - ARVIND MEHTA TECHNOLOGY AND ENTREPRENEURSHIP CENTRE (MUMBAI)





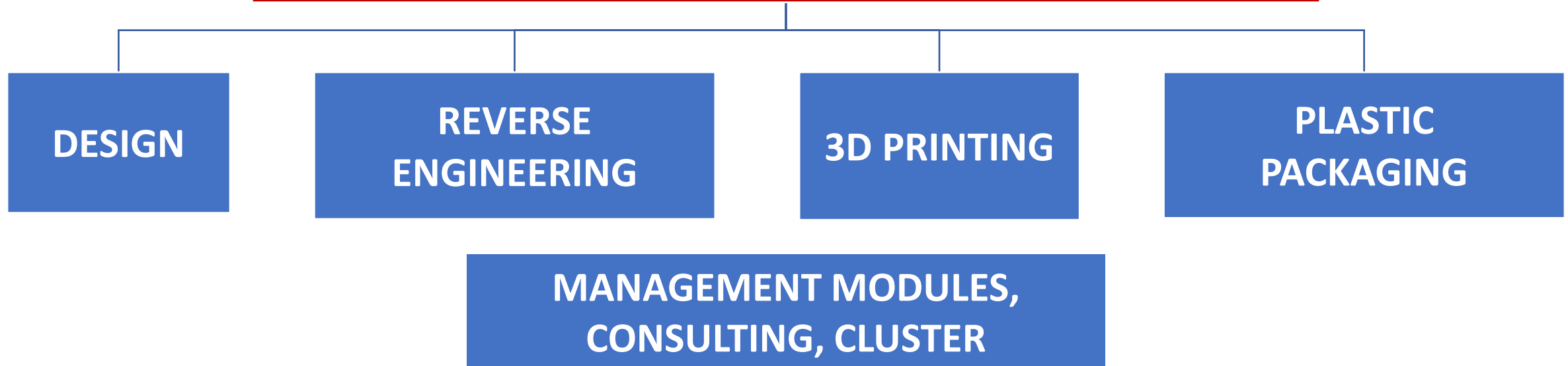
# AIPMA's AMTEC - CENTRE OF EXCELLENCE



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## AIPMA's AMTEC CENTRE OF EXCELLENCE FOR PLASTIC PRODUCT INNOVATION & APPLICATION

### CENTRE OF EXCELLENCE (COE)



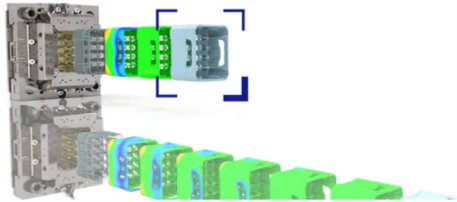
# INTERNATIONAL KNOWLEDGE PARTNERS



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## REVERSE ENGINEERING



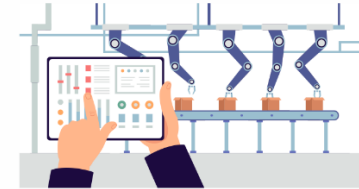
**gom**  
a ZEISS company

## DESIGN



**AUTODESK**

## DIGITAL MANUFACTURING



**3D SYSTEMS**

**stratasys**

## PLASTIC PACKAGING



## MANAGEMENT



**SSA**  
BUSINESS  
SOLUTIONS

# PLASTIC EXTRUSION



- ❖ The Asia Pacific market is expected to record more than two-fifths of revenue share in the global plastic extrusion machinery market.
- ❖ Robust presence of MSME's in sector of packaging, consumer goods, construction, and automotive, among others that require high-quality extruded plastics of continuous profile, particularly in countries including China, Japan, and India is another major factor driving growth of the Asia Pacific plastic extrusion machinery market.
- ❖ Rise in awareness about energy saving globally propels the plastic extrusion machine market growth.
- ❖ Plastic extrusion machine manufacturers are increasingly focusing towards manufacturing efficient and reliable twin-screw plastic extrusion machine to boost the growth of the market.

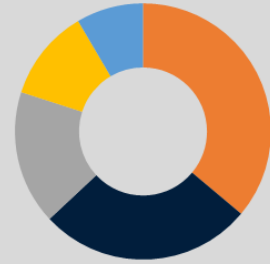
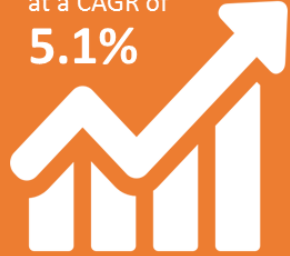
# PLASTIC EXTRUSION



- ❖ However, high initial tooling and machinery cost required for plastic extrusion machines, is expected to restrain the growth of plastic extrusion machines market. For instance, price of a large and complex mold machine is around \$80,000 or more. Moreover, it requires high maintenance and installation cost.
- ❖ Contrary, technological advancement such as artificial intelligence based plastic extrusion machine, and software supported plastic extrusion machines, is anticipated to provide lucrative opportunities for growth of plastic extrusion machines market.
- ❖ The global plastic extrusion machines market size was valued at \$6,303.0 million in 2019, and is projected to reach \$7,930.4 million by 2027, registering a CAGR of 4.5% from 2020 to 2027.
- ❖ Global Extruded Plastics Market to Reach \$252. 6 Billion by 2027.

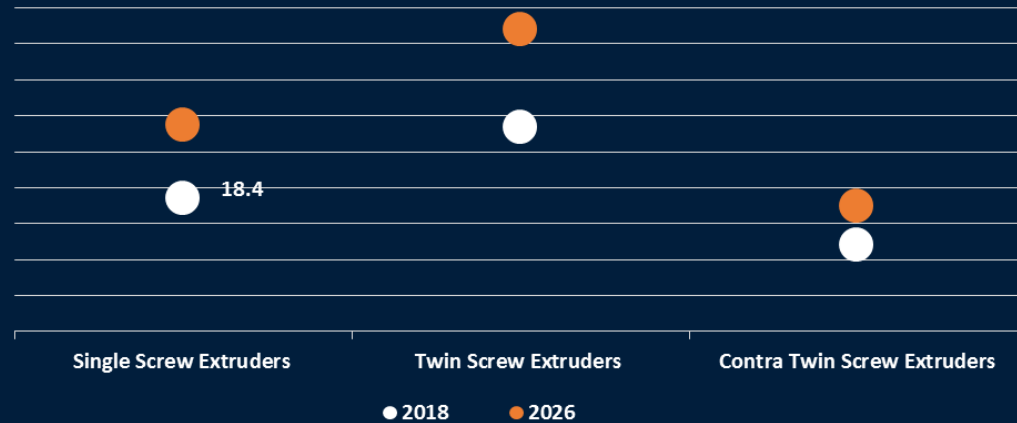


During 2019-2026,  
the market will  
**ACCELERATE**  
at a CAGR of  
**5.1%**

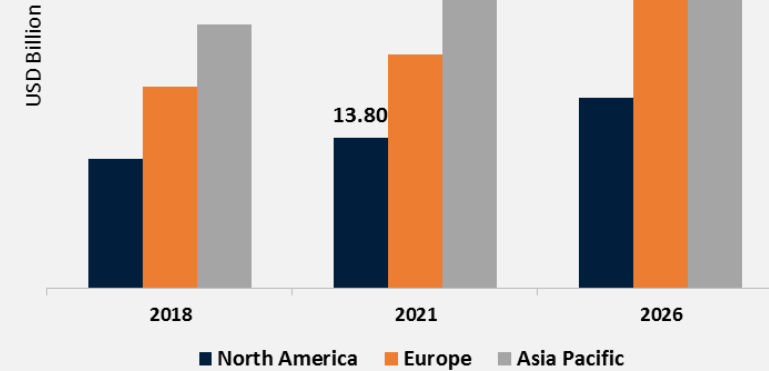


**35.6%**  
of the total Food  
Extrusion Market  
caters to the  
savory snacks  
segment.

The increasing demand for processed foods along with the growing advancements in food technologies is fueling the growth of the market.



- Twin-screw extruders are leading the market by equipment type and held a share of about 48.4% globally.
- The single-screw extruder segment is expected to observe growth at a CAGR of 5.6% during the forecast period.



- North America is a growing market for food extrusion as it is the hub of technological advancement in food equipment. The region is expected to grow at a CAGR of 4.9% during the forecast period.
- Europe held a market share of 31.5% in the year 2018 with a compounded annual growth rate of 4.8% during the forecast period.
- Rising demand for processed foods and growing innovation in food technologies will fuel the market growth in APAC. The region is the dominant market and will register a CAGR of 5.6%.

# PLASTIC EXTRUSION



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The market will be **ACCELERATING**  
growing at a **CAGR** of almost

**4%**



**INCREMENTAL  
GROWTH**

**6,326.23 thousand  
tons**

2018

2023

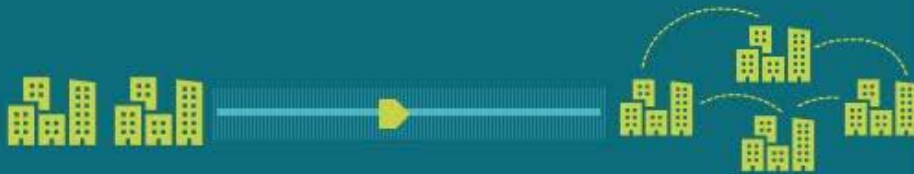


The year-over-year growth rate  
for **2019** is estimated at



**3.64%**

The market is **FRAGMENTED** with several  
players occupying the market share



**83%**  
of the growth  
will come from  
**APAC REGION**

One of the **KEY TRENDS** for this  
market will be the **INCREASING  
ADOPTION OF PRE-ENGINEERED  
BUILDINGS**



# EXTRUSION MACHINES IN INDIA

Used / New	2018-19		
	No of Machines	Value in INR Crores	Value in US\$ Million
New	1,029	780	110
Used	73	70	10
<b>Grand Total</b>	<b>1,102</b>	<b>850</b>	<b>120</b>

2019-20		
No of Machines	Value in INR Crores	Value in US\$ Million
1,130	853	119
78	27	4
<b>1,208</b>	<b>880</b>	<b>123</b>



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# THANK YOU

