

# SINGLE SCREW

## **PERFORMANCE ADVANTAGES**



Milacron designs and builds full extrusion systems in house, maintaining complete control of your precise equipment needs. From extruders, to new and rebuilt extrusion barrels and screws, to pipe heads, dies and downstream equipment, you get powerful, reliable solutions that meet your unique needs.

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## MILACRON°

#### MILACRON M.POWERED

- Designed to fully utilize our M-Powered Suite of connectivity products
- Reduces failures, improves uptime and OEE

#### MOSAIC + CONTROL

Standard discrete extruder control.

Optional Mosaic + control with a 21" screen capable of interfacing with other extruders and downstream equipment within the extrusion system providing a single point of control.

#### PROCESSING UNIT

Processing unit consisting of bimetallic barrel, custom screw design, and robust gearbox.

#### MOTOR

Energy efficient AC vector motor. Total Enclosed Fan Cooled (TEFC) is a reliable low maintenance solution for dusty manufacturing environments because the motor is not located under the barre & provide ease of motor maintenance.



**\BASE MOUNTED ELECTRICAL PANEL** 

Configurable panel design for die zones

PROVIDING THE HIGHEST PERFORMANCE, PRECISION, AND FLEXIBILITY.



⚠ AUTOMOTIVE ⚠ CONSTRUCTION ⚠ CONSUMER ☒ MEDICAL

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## **TOOLING COMPONENTS**

Die heads are available for the production of water, drain waste, and conduit pipes. They are designed to maximize the extruder's output performance while maintaining product quality. Our die heads are also designed with features to allow timely and efficient pipe size change overs.

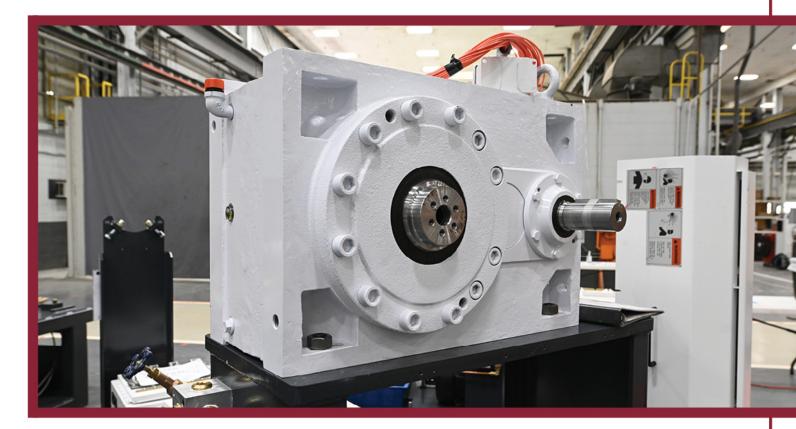


## **GEARBOXES**

We offer extruder gearboxes with the highest performance and load capacity in the world, including Twin Conical, Twin Parallel, and Single Screw extruders.

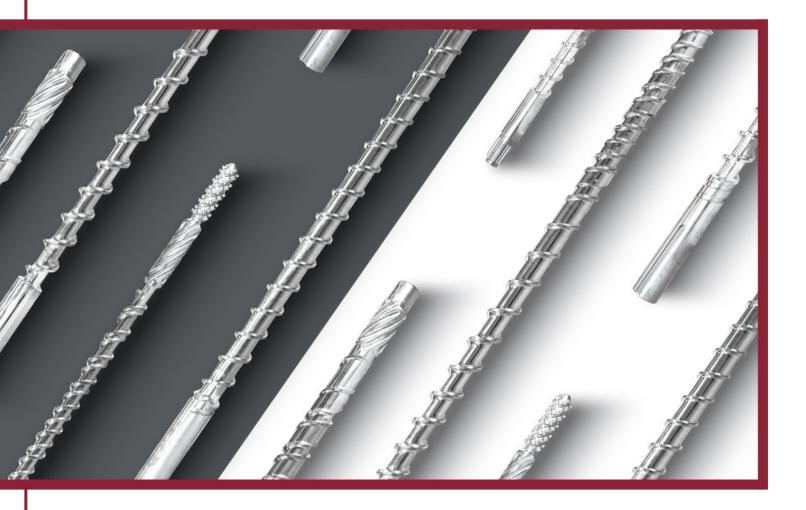
### **GEARBOX REBUILD PROGRAM**

- Gearboxes are crated and stored in a clean environment
- All components are coated with long-term storage lubricant
- Shafts and seals are inspected and shafts turned every quarter
- Gearboxes are flushed and tested prior to shipment



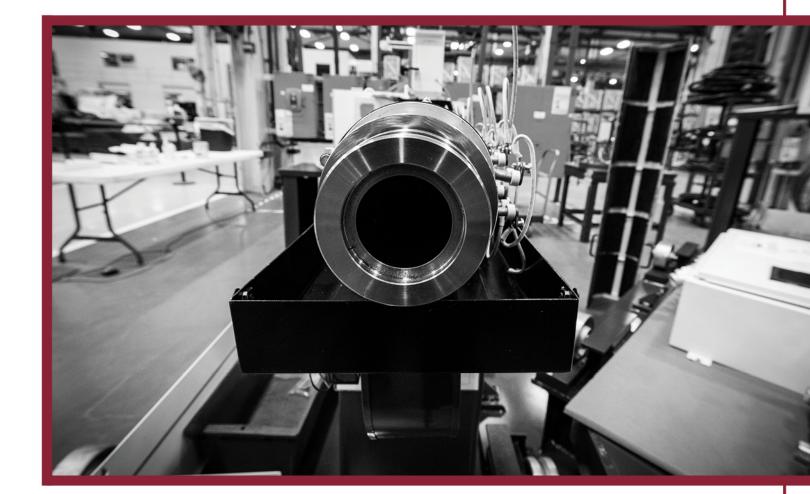
## **SCREWS**

New feed screws with a variety of options are available. Feed screws are typically made of 4140 steel, polished, and hard faced with either Colmonoy 56 or 83. They can also be chrome plated or surface treated with a carbide encapsulation for more abrasive or demanding applications. Several design options such as conventional or barrier, with mixing options such as straight Maddock, spiral Maddock, and Pineapple are available. We are capable of handling requests of any size, application, and complexity.



## **BARRELS**

Milacron Extrusion sells vented and non-vented barrels made of high quality steel. We offer clamp-type, bolt-on, or threaded discharge flanges. Barrels are centrifugally cast with bi-metallic liners of Nickel-Boron or Tungston-Carbide. Rupture disc and pressure transducer holes are pre-drilled at the factory and thermocouple holes can either be pre-drilled or drilled on site.



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## MOSAIC+ CONTROLLER SYSTEM

It's easy to maximize the reliability and adaptability of Milacron machines with the ergonomic touch-screen control of MOSAIC+. Fast processing speeds power extensive data collection and report generation, as well as integration with automation controls to further simplify the whole process.

#### **EXCEPTIONAL STANDARD FEATURES**

- Multi-touch capable 21.5" HD touch screen
- ☼ Intuitive operator interface
- Configurable screen layout
- Windows based operating system
- Touch-screen is provided in English as standard, optional alternative languages available



We can offer an integrated system to include tanks, pullers, saws, cutter, printers, collection table, bellers, and coilers. On select applications, we can also provide an integrated system to produce sheet products.

- Set point overview page for quick access actual set points for each axis at the bottom of the page
- Display of 700 process monitor samples stored on control or virtually unlimited samples on USB stick or network drive via reports
- Graphic display of 33 integrated soft keys with LED's located below screen
- ☼ Internal parameter storage 40 formulations or dies
- Self diagnostic and fault finding capability
- Data protection with 4 access levels for up to 30 machine operators
- PID control of barrel and screw oil zones
- High/low temperature alarms
- Automatic PID barrel heat tuning
- Up to 700 change and alarm logs entries on the control, virtually unlimited on a USB stick or network drive via reports

## PLUS SCREEN TECHNOLOGY

The PLUS section has four configurable window spaces. In this section, the operator can choose to show:

- Four small windows
- One large and two small windows
- Two large windows

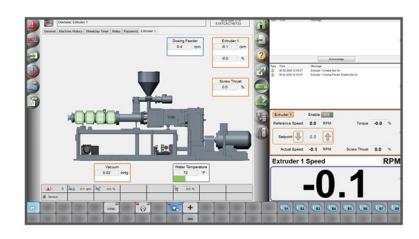


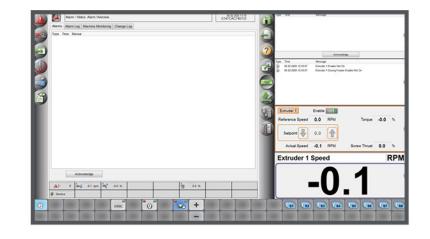
Soft Buttons

Hard Buttons

Content choices for the four windows include:

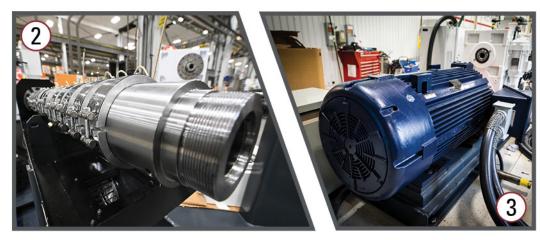
- Alarms log
- Production run
- **Extrusion graphics**
- Trend data analysis
- Trend graphics
- SPC charts
- Related equipment extruder mounted feeder systems and downstream equipment
- Status page

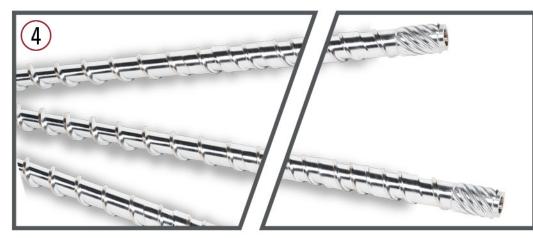




## **HIGH-QUALITY COMPONENTS**







#### 1. GEARBOX:

High quality design with a standard AGMA service >1.5, integral thrust bearing, oil cooling, and method of lubrication designed to match to application (splash, forced flow, and cooling).

#### 2. BARREL:

Bimetallic nickel-boron lined barrel with multiple taps for installation of rup-ture disc, melt temperature, and

pressure probes. Barrel discharge threaded to allow for installation of optional flange and clamp configurations.

#### 3. MOTOR:

AC vector motors with an energy efficiency rating of >90 %. TEFC (Totally Enclosed Fan Cooled) motor design permits efficient cooling of the motor while protecting the motor's critical components from dusty environments from dusty environments.

#### 4. SCREW:

Screw designs are customized to match the process requirements. High quality 4140HT steel is standard and wear resistance coatings are welded to the flight tips. Chrome, nickel plate,

## STANDARD EQUIPMENT

	Standard	Optional
GENERAL		
Discrete temperature and speed control	•	
Mosaic +		0
AC motor and drive	•	
Belt and sheave motor to gearbox	•	
Bimetallic barrel	•	
Bimetallic barrel-tungsten		0
Air cooled barrel	•	
Hopper painted with shut off	•	
Line Reactor-extruder drive		* 0
Machine mounted die transfromer	•	
UL, CUL, CSA electrical panel certerification		* 0
CE compliant electrical panel		0
Non-Standard electrical supply voltage	•	0
Die Clamp		* 0
Caster and track		0
Barrel heater/water cooled bands		0
Drawer magnet		0
Screw cooling-water		0
Direct couple motor and gearbox-consult factory		0

<sup>\*</sup>Standard on SV model

## **AUXILIARY SOLUTIONS**

### FEEDER SYSTEMS

- **⊘** Volumetric feeder for color or other additives
- Gravimetric feeder capable of accurately feeding one or more components

#### Feeding systems



### **DIE HEADS**

Genca die heads for polyolefin pipe, wire and cable, medical tubing, industrial and commercial tubing

#### Die heads



### DOWNSTREAM EQUIPMENT

We can offer integrated system to include tanks, pullers, saws, cutters, printers, collection table, bellers, and coilers. On select applications, we can also provide integrated system to produce sheet products.

#### Downstream equipment



## M-POWERED

### M-POWERED INTELLIGENCE

- M-POWERED leverages the latest in Industrial Internet of Things (IIoT) and data science to contribute unique insights and intelligence into your machine's current operations and future needs.
- Accompany the growing list of M-Powered customers that are experiencing a reduction in service trips and up to a 50% reduction in time to resolution of unplanned downtime events.
- Once an appointment is confirmed, a Milacron technician will be at your facility within the next 10 days to bring your machine online. Alternative connection choices are possible in the event of a more complex IT setup.

## **M·POWERED**

M-Powered Applications	ADVANTAGE	ESSENTIAL	PREMIER
Connect Portal	<b>√</b>	<b>✓</b>	<b>✓</b>
Technical Support	On Demand (payable per hour)	<b>√</b>	(24/7)
Production Monitoring	$\checkmark$	<b>✓</b>	✓
Downtime Tracking		✓	✓
Preventative Maintenance			<b>√</b>
Predictive Analytics			<b>√</b>

# SINGLE SCREW SERIES

**SCREW SIZES:** 2.0 - 4.5

TECHNICAL SPECIFICATIONS

		S2	00	S2	50	S3	00	S3	50	\$4	00	\$4	50
		Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
	Screw Diameter (in/mm):	2.0	50.8	2.5	63.5	3.0	76.2	3.5	88.9	4.0	101.6	4.72	120
tions	L/D:	24	:1	24:1		24	:1	24	:1	24	:1	24:1	
ecifica	Control:	Disc	rete	Discrete		Disc	rete	Disc	rete	Disc	rete	Discrete	
Machine Utilities Drive Electrical Barrel & Screv	Number of Heat/Cool Zones:	3	3	4		į	5	į	i	į	5		j
	Barrel Cooling:	А	ir	Air		А	ir	А	ir	А	ir	А	ir
	Number of Die Zones:	3	3	3	3	3	3	3	3	3	3	3	}
	Barrel Liner Material:	Bime	tallic	Bime	tallic	Bime	tallic	Bime	tallic	Bime	tallic	Bime	tallic
le suoi	Die and Tooling Voltage:	230/	Metric         Imperial         Metric         Imperial         Metric         Imperial           50.8         2.5         63.5         3.0         76.2         3.5           24:1         24:1         24:1         24:1         24:1           crete         Discrete         Discrete         Discrete           3         4         5         5           Air         Air         Air         Air         A           3         3         3         3         3           etallic         Bimetallic         Bimetallic         Bimetallic         Bimetallic           0/1/60         230/1/60         230/1/60         230/1/60         230/1/60           14.92         40         29.84         60         44.76         75           ector         Vector         Vector         Vector         Vector           8 Sheave         Belt & Sheave         Belt & Sheave         Belt & Sheave	1/60	230/	1/60	230/1/60						
lectrica cificat	Main Motor Power (HP/kW):	20	14.92	40	29.84	60	44.76	75	55.9	100	74.6	150	111.8
Spe	wain wotor Fower (HF/KW).		tor	Vec	tor	Ved	ctor	Ved	tor	Ved	tor	Vector	
Drive Train	Gear Box:	Belt &	Sheave	Belt &	Sheave	Belt &	Sheave	Belt &	Sheave	Vector  Belt & Sheave		Belt & S	Sheave
ties	Main Power Drop:	460/	3/60	460/	3/60	460/	3/60	460/	3/60	460/3/60		460/3/60	
1	Full Load Amps:	5	8	9	0	12	25	14	15	22	26	26	8
	Extruder Length (in/mm):	70	1,778	100	2,540	106	2,686	132	3,353	136	3,462	148	3,759
e SI	Extruder Width (in/mm):	40	1,016	40	965	42	1,066.8	48	1,219	40	1,016	45	1,143
fachin mensio	Extruder Height (in/mm):	75	1,905	75	1,905	93	2,356	92	2,337	96	2,437	96	2,438
	Extruder weight (lbs/kg):	2,800	1,273	3,800	1,727	4,800	2,182	7,650	3,477	10,220	4,645	13,200	6,000
	Barrel Centerline from Floor (in/mm):		1,066	42	1,066	42	1,066	42	1,066	42	1,066	42	1,066
s (1)	HDPE (lbs/hr) (kg/hr):	125	57	250	113	360	163	400	181	520	236	750	340
Machine Utilities Drive Electrical Dimensions Train Specifications	PP (lbs/hr) (kg/hr):	100	45	190	86	270	122	300	136	390	177	560	254
	FPVC (lbs/hr) (kg/hr):	150	68	250	113	360	163	620	281	800	363	925	420
Ē	RPVC (lbs/hr) (kg/hr):	75	34	125	57	180	82	250	113	325	147	410	186

Performance Specifications are based on theoretical data.

## SINGLE GROOVED FEED SCREW EXTRUDER SERIES

**SCREW SIZES:** 45 - 120

TECHNICAL SPECIFICATIONS

		SG45-42		SG60-42		SG7	SG75-42		0-42	SG120-42		
		Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	
	Screw Diameter (in/mm):	1.77	45	2.36	60	2.95 75		3.55	90	4.72	120	
	L/D:	42	42:1		:1	42	42:1		42:1		:1	
ications	Number of Heat/Cool Zones:	Ę	5		i	Ę	ō	Ę	i	7		
Barrel & Screw Specifications	Barrel Cooling (Air/Water):	А	ir	А	ir	А	ir	А	ir	Ai	r	
	Number of Die Zones:	3	3	5	i	į	5	Ę	i	5		
	Cast Fin Aluminum Heat/Cool Capacity/Zone (kW):	3.	.6	5	i		6	9	)	10		
-	Maximum Melt Pressure Continuous Operation (psi/bar):	10,000	10,000 689		689	10,000	689	10,000	689	10,000	689	
	Barrel Pressure Tap Standard:	3	3		3		3	3		3		
Electrical Specifications	Main Power Drop (1):	460/3/60		460/3/60		460/	460/3/60		460/3/60		460/3/60	
	Main Motor Power (HP):	200		300		40	400		600		0	
rical Sp	Maximum Amp Load (Amps) (2):	334		449		566		81	810		38	
Elect	Die Zone Voltage:		230/	1/60				230/	1/60			
	Chilled Water gpm (l/min)	12/	/45	12/45		12/45		12/45		15/60		
SE	Chilled Water Temperature (F/C)	<65	5/18	<65	/18	<65	i/18	<65	/18	<65	/18	
ificatio	Operation:	L	Н	Ц	Н	L	Н	L	Н	LI	1	
Installation Specifications	Extruder Length:	152	3,856	192	4,881	241	6,111	284	7,207	341	8,672	
stallatic	Extruder Width:	60	1,523	60	1,532	66	1,685	71	1,795	70	1,797	
Ë	Extruder Height with Hopper (in/mm):	84	2,131	83	2,106	76	1,929	83	2,100	110	2,802	
	Barrel Centerline from Floor (in/mm):	43	1,100	43	1,100	43	1,100	43	1,100	53	1,365	
Throughput Rates	HDPE	1,100	500	1,760	800	2,640	1,200	3,740	1,700	4,000	1,814	
Throu Rai	PP	800	400	1,430	650	1,980	900	2,860	1,300	3,060	1,380	

Performance Specifications are based on theoretical data.

# SINGLE SCREW MOBILE SERIES

SCREW SIZES: 0.75 - 1.75

## TECHNICAL SPECIFICATIONS

		SIV	175	SM	100	SM	125	SM	150	SM	175
	<u>.</u>	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
	Screw Diameter (in/mm):	0.75	19	1.00	25.4	1.25	31.7	1.50	38.1	1.75	44.4
	L/D:	24	k:1	24	:1	24	l:1	24	k:1	24	:1
SIII	Control:	Disc	rete	Disc	rete	Disc	rete	Disc	rete	Disc	rete
licati	Number of Heat/Cool Zones:	2	2	:	3	3	3	:	3	3	3
pecil	Barrel Cooling:	А	ir	А	ir	Α	ir	А	ir	А	ir
Barrel & Screw Specifications	Number of Die Zones:	2	2	:	2	2	2		2	2	2
& SC	Heat/Cool Capacity/Zone (kW):	0.	.4	0.	95	0.9	95	0.9	95	1.	9
arre	Barrel Liner Material:	Bime	tallic	Bime	tallic	Bime	tallic	Bime	tallic	Bime	tallic
Φ.	Maximum Melt Pressure Continuous Operation (psi/bar):	10,000	689	10,000	689	10,000	689	10,000	689	10,000	689
	Precision Barrel Pressure Tap Standard	1/2-2	0 NF	1/2-2	0 NF	1/2-2	20 NF	1/2-2	0 NF	1/2-2	0 NF
_ suc	Die and Tooling Voltage:	230/	1/60	230/	1/60	230/	1/60	230/	1/60	230/	1/60
Electrical		2	1.5	3	2.2	5	3.7	10	7.4	15	11.1
Electrical Specifications	Main Motor Power (HP/kW):	Ved	ctor	Ved	ctor	Ved	ctor	Ved	ctor	Vec	tor
Drive Train	Gear Box:	Belt &	Sheave	Belt &	Sheave	Belt & Sheave		Belt & Sheave		Belt & Sheave	
Utilities	Main Power Drop:	460/	3/60	460/	3/60	460/	3/60	460/3/60		460/3/60	
	Extruder Length (in/mm):	54	1,371	54	1,371	60	1,524	60	1,524	96	2,438
ııs	Extruder Width (in/mm):	40	1,016	40	1,016	42	1,829	42	1,329	72	1,829
Machine Dimensions	Extruder Height (in/mm):	68	1,727	68	1,727	72	2,536	72	2,536	90	2,286
- 5	Extruder weight (lbs/kg):	700	318	750	340	800	363	1,000	454	1,150	521
	Barrel Centerline from Floor (in/ mm):	42	1,066	42	1,066	42	1,066	42	1,066	42	1,066
s(1)	HDPE (lbs/hr) (kg/hr):	10	5	20	9	30	14	50	23	80	36
ut Rate	PP (lbs/hr) (kg/hr):	7	3	15	7	22	10	38	17	60	27
Throughput Rates (1)	FPVC (lbs/hr) (kg/hr):	10	5	25	11	40	18	70	32	100	45
Ē	RPVC (lbs/hr) (kg/hr):	5	2	10	5	25	11	40	18	55	25

Performance Specifications are based on theoretical data.

# SINGLE SCREW VALUE SERIES

**SCREW SIZES:** 2.0 - 4.5

TECHNICAL SPECIFICATIONS

	<u> </u>				5.0					
		sv	200	sv	250	sv	350	sv	450	
		Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	
	Screw Diameter (in/mm):	2.0	50.8	2.5 63.5		3.5	88.9	4.72	120	
ations	L/D:	24	4:1	24	1:1	24	1:1	24:1		
ecifica	Control:	Ма	ntrix	Ma	ntrix	Ma	trix	Matrix		
rew Sp	Number of Heat/Cool Zones:	3			4	9	5	į	i	
Barrel & Screw Specifications	Barrel Cooling:	Air		Α	iir	А	ir	А	ir	
Barre	Number of Die Zones:	3		:	3	:	3		3	
	Barrel Liner Material:	Bime	etallic	Bime	etallic	Bime	tallic	Bime	tallic	
al	Die and Tooling Voltage:	230,	230/1/60		230/1/60		1/60	230/1/60		
Electrical Specifications	Main Motor Power (HP/kW):-	20 14.92 Vector		40	29.84	75	55.9	150	111.8	
Spe	,,,,,,,,,			Vector		Vector		Vector		
Drive Train	Gear Box:	Belt &	Sheave	Belt & Sheave		Belt & Sheave		Belt & Sheave		
Utilities	Main Power Drop:	460,	/3/60	460/3/60		460/3/60		460/3/60		
n III	Full Load Amps:	5	58	g	00	14	15	26	88	
	Extruder Length (in/mm):	70	1,778	100	2,540	132	3,353	148	3,759	
e su	Extruder Width (in/mm):	40	1,016	40	965	48	1,219	45	1,143	
Machine Dimensions	Extruder Height (in/mm):	75	1,905	75	1,905	92	2,337	96	2,438	
- 5	Extruder weight (lbs/kg):	2,800	1,273	3,800	1,727	7,650	3,477	13,200	6,000	
	Barrel Centerline from Floor (in/ mm):	42	1,066	42	1,066	42	1,066	42	1,066	
s (1)	HDPE (lbs/hr) (kg/hr):	125	57	250	113	400	181	750	340	
ıt Rate	PP (lbs/hr) (kg/hr):	100	45	190	86	300	136	560	254	
Throughput Rates (1)	FPVC (lbs/hr) (kg/hr):	150	68	250	113	620	281	925	420	
Ē	RPVC (lbs/hr) (kg/hr):	75	34	125	57	250	113	410	186	

Performance Specifications are based on theoretical data.

## SINGLE SCREW SMV SERIES

**SCREW SIZES:** 1.0 - 1.5

TECHNICAL SPECIFICATIONS

		SM	100	SM	125	SM	150
		Imperial	Metric	Imperial	Metric	Imperial	Metric
	Screw Diameter (in/mm):	1.00	25.4	1.25	31.7	1.50	38.1
	L/D:	24	1:1	24	k:1	24	:1
SIIO	Control:	Ma	trix	Ma	ıtrix	Ma	trix
icati	Number of Heat/Cool Zones:	3	3	:	3		3
pecif	Barrel Cooling:	А	ir	Α	ir	А	ir
Barrel & Screw Specifications	Number of Die Zones:	2	2	:	2	;	2
& Sc	Heat/Cool Capacity/Zone (kW):	0.	95	0.	95	0.	95
arre	Barrel Liner Material:	Bime	tallic	Bime	etallic	Bime	tallic
8	Maximum Melt Pressure Continuous Operation (psi/bar):	10,000	689	10,000	689	10,000	689
	Precision Barrel Pressure Tap Standard	1/2-2	1/2-20 NF		20 NF	1/2-2	0 NF
- Suo	Die and Tooling Voltage:	230/	1/60	230/	1/60	230/	1/60
Electrical ecification		5	3.7	7.5	5.6	15	11.1
Electrical Specifications	Main Motor Power (HP/kW):	Ved	etor	Ved	etor	Ved	ctor
Drive Train	Gear Box:	Direct	t Drive	Direct	t Drive	Direct	: Drive
Utilities	Main Power Drop:	460/	3/60	460/	3/60	460/	3/60
置	Full Load Amps:	1	8	2	3	3	3
	Extruder Length (in/mm):	59	1,506	67	1,713	79	2,017
e IIIS	Extruder Width (in/mm):	25	639	26	678	28	721
Machine Dimensions	Extruder Height (in/mm):	66	1,681	66	1,681	66	1,681
<b>-</b>	Extruder weight (lbs/kg):	750	340	800	363	1,000	454
	Barrel Centerline from Floor (in/ mm):	42	1,066	42	1,066	42	1,066
s (1)	HDPE (lbs/hr) (kg/hr):	20	9	30	14	50	23
ıt Rate:	PP (lbs/hr) (kg/hr):	15	7	22	10	38	17
Throughput Rates (1)	FPVC (lbs/hr) (kg/hr):	25	11	40	18	70	32
Ē	RPVC (lbs/hr) (kg/hr):	10	5	25	11	40	18

Performance Specifications are based on theoretical data.

## SINGLE SCREW SMT

SCREW SIZES: 0.75 - 1.75

TECHNICAL SPECIFICATIONS

	`										
		SM	IT75	SMT	Γ100	SM	Г125	SMT150		SM	Г175
		Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
	Screw Diameter (in/mm):	0.75	19	1.00	25.4	1.25	31.7	1.50	38.1	1.75	44.4
	L/D:	2	4:1	24:1		24	k:1	24:1		24:1	
oms	Control:	Disc	crete	Disc	rete	Disc	rete	Disc	rete	Discrete	
icati	Number of Heat/Cool Zones:		2	3	3	;	3	3	3	3	3
pecif	Barrel Cooling:	P	Air	Α	ir	Α	ir	Α	ir	Α	ir
Barrel & Screw Specifications	Number of Die Zones:		2	2	2	2	2	8	2	2	2
I & Sc	Heat/Cool Capacity/Zone (kW):	C	1.4	0.0	95	0.	95	0.	95	1.	.9
arre	Barrel Liner Material:	Bime	etallic	Bime	tallic	Bime	tallic	Bime	tallic	Bimetallic	
ω.	Maximum Melt Pressure Continuous Operation (psi/bar):	10,000	689	10,000	689	10,000	689	10,000	689	10,000	689
	Precision Barrel Pressure Tap Standard	1/2-2	20 NF	1/2-2	0 NF	1/2-2	0 NF	1/2-2	0 NF	1/2-2	0 NF
Electrical Specifications	Die and Tooling Voltage:	230	/1/60	230/1/60		230/	1/60	230/	1/60	230/	1/60
		2	1.4	3	2.2	5	3.7	10	7.5	15	11.2
Elec: Specifi	Main Motor Power (HP/kW):	Ve	ctor	Ved	ctor	Ved	ctor	Ve	ctor	Ved	ctor
Drive Train	Gear Box:	Belt &	Sheave	Belt &	Sheave	Belt &	Sheave	Belt &	Sheave	Belt &	Sheave
ties	Main Power Drop:	460	/3/60	460/	3/60	460/	3/60	460/	3/60	460/	3/60
Utilities	Full Load Amps:		13	1	8	2	3	33		3	9
ine	Extruder weight (lbs/kg):	700	318	750	340	800	363	1,000	454	1,200	544
Machine Dimensions	Barrel Centerline from Floor (in/ mm):	42	1,066	42	1,066	42	1,066	42	1,066	42	1,066
Ë	HDPE (lbs/hr) (kg/hr):	10	5	20	9	30	14	50	23	80	36
Throughput Rates (1)	PP (lbs/hr) (kg/hr):	7	3	15	7	22	10	38	17	60	27
ndybno	FPVC (lbs/hr) (kg/hr):	10	5	25	11	40	18	70	32	100	45
Ē	RPVC (lbs/hr) (kg/hr):	5	2	10	5	25	11	40	18	55	25

Performance Specifications are based on theoretical data.