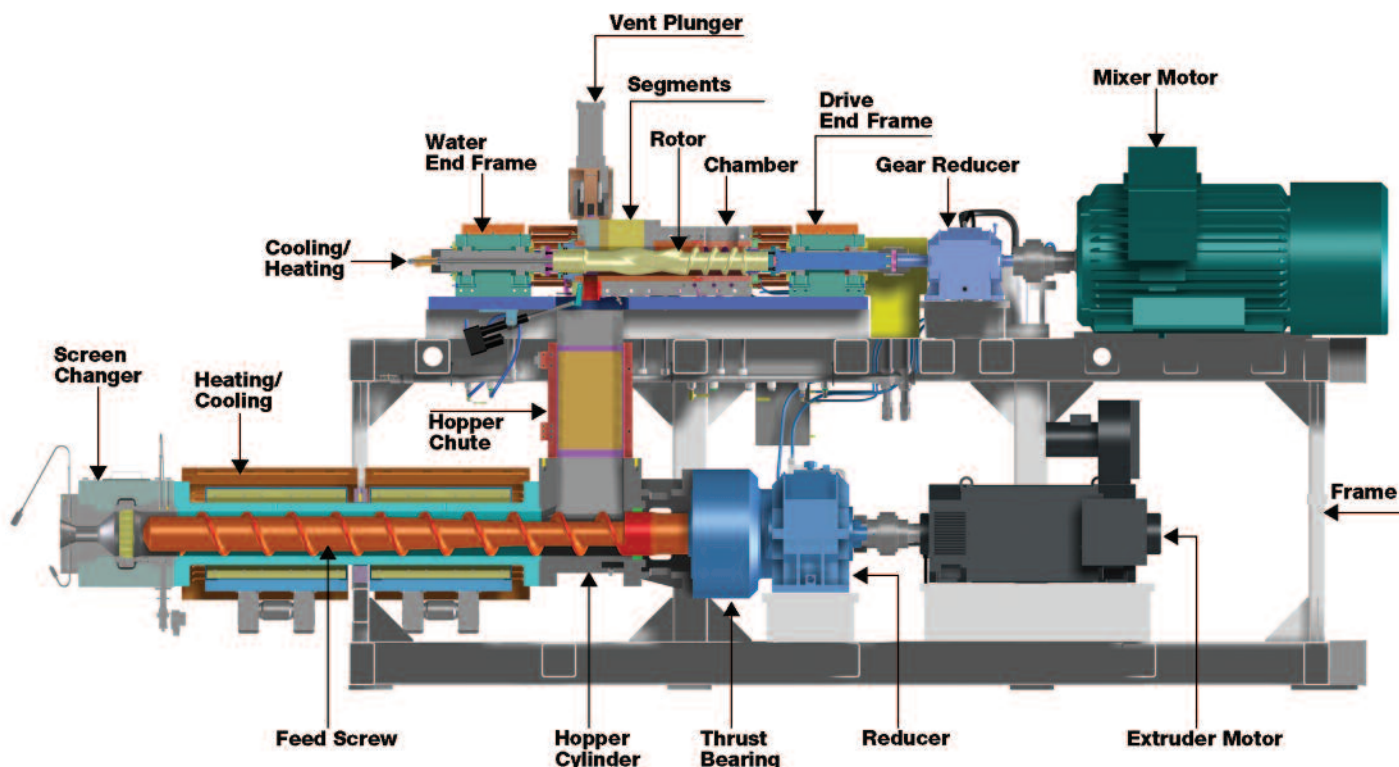




FARREL POMINI
continuous compounding systems



**CP SERIES II™
COMPACT PROCESSOR**



CP Series II™ Capacity Data*

CP Compounder Size	125	250	550	1000	2000	2500	4000
Materials/Process	Production rates in kg/hr.						
HDPE, LDPE, LLDPE; coloring, compounding	80-120	170-240	350-500	750-1200	1500-2200	1875-2750	2500-3800
PE; masterbatch, filling							
20%	60-110	130-225	350-520	750-1100	1500-2200	1875-2750	2500-3800
30 – 40%	60-120	130-240	350-570	750-1200	1500-2400	1875-3000	2500-4000
>50%	100-150	215-300	500-800	1000-1500	1800-2500	2250-3125	3000-4300
PP; coloring, compounding	40-120	85-250	350-520	750-900	1500-1900	1875-2375	2500-3200
PP; masterbatch, filling							
20%	50-120	100-250	350-570	700-1000	1500-2200	1875-2750	2500-3800
40%	10-110	100-230	350-570	700-1000	1500-2400	1875-3000	2500-4000
>40%	80-150	170-300	500-800	1000-1500	1700-2500	2125-3125	2400-4300
PS; SAN; masterbatch							
20%	80-150	215-300	400-630	750-1100	1500-2200	1875-2750	2500-3800
30-40%	80-150	215-300	400-690	750-1300	1500-2250	1875-2810	2500-2900
>50%	80-150	200-340	400-690	900-1500	1800-2700	2250-3375	3000-4400
ABS; compounding	80-150	215-300	400-610	750-1100	1500-2200	1875-2750	2500-3800
PVC	80-150	180-340	300-650	600-1200	1800-2500	2250-3125	3000-4300
TPE, TPO	40-125	85-250	350-520	750-1100	1500-2200	1875-2750	2500-3800
PET, PBT, PC; filling, compounding	30-100	50-200	250-400	500-900	1000-1600	1250-2000	1750-2800
PA; filling, compounding	30-75	50-150	250-400	500-900	1000-1600	1250-2000	1750-2800

* All production rates should be factory verified.

CP Series II™ - CPXL - Long Continuous Mixer (LCM Option)

Incorporating Pomini LCM technology into the CP Series II™ to give LCM performance on the CP Series II™ and to provide processing options for specific applications.

Machine Size	CP550XL	CP1000XL	CP2000XL	CP2500XL	CP4000XL
Nominal Production Rates (kg/HR)*	400 to 500	800 to 1,000	1,500 to 2,400	2,000 to 3,500	3,000 to 6,000

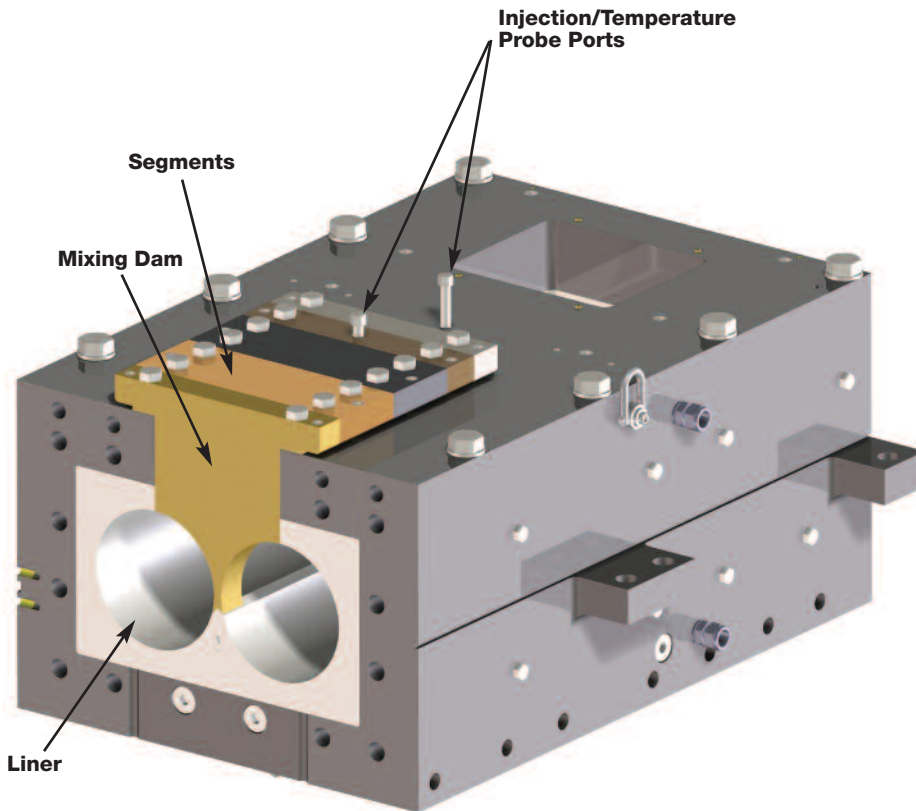
* All production rates should be factory verified.

CP Series II™ Standard Specifications

CP Compounder Size	125	250	550	1000	2000	2500	4000
Mixer							
Power kW (hp)	22.5 (30)	45 (60)	93 (125)	185 (250)	325 (500)	450 (600)	600 (800)
Max. rotor speed RPM	1150	850	650	650	650	650	650
Rotor diameter mm (in.)	48 (1.9)	73 (2.9)	101.6 (4)	135 (5.3)	167.6 (6.6)	167.6 (6.6)	203.2 (8)
Hot Feed Extruder							
Power kW (hp)	15 (20)	23 (30)	56 (75)	75 (100)	150 (200)	225 (300)	300 (400)
Max. screw speed RPM	100	100	100	100	100	100	100
Screw diameter mm (in.)	81.2 (3 ¼)	101.6 (4)	127 (5)	177.8 (7)	215.9 (8.5)	254 (10)	254 (10)
Screw length L/D	11/1	11/1	11/1	11/1	11/1	11/1	11/1

CP Series II™ Weights and Dimensions

CP Compounder Size		125	250	550	1000	2000	2500	4000
Overall weight	kg	3,727	4,540	6,350	13,620	20,430	22,727	23,636
	lb	8,200	10,000	14,000	30,000	45,000	50,000	52,000
Length	mm	2,960	4,318	4,652	6,045	7,468	8,128	8,128
	in.	117	170	184	238	294	320	320
Width	mm	1,016	1,346	1,422	1,981	2,160	2,362	2,362
	in.	40	53	56	78	85	93	93
Height	mm	2,032	2,110	2,268	2,743	2,921	3,202	3,352
	in.	80	83	90	108	115	130	132
Floor to extruder C/L	mm	762	876	876	1,076	1,143	915	915
	in.	30	34.5	34.5	42	45	36	36



Standard Options

Lined Chamber Barrel:

- Easily replaceable liners
- Various bore diameters
- Specifically designed for highly abrasive applications
- Available liner construction materials include tool steel, chrome plated steel, ceramic, stainless steel and Tungsten carbide clad steel

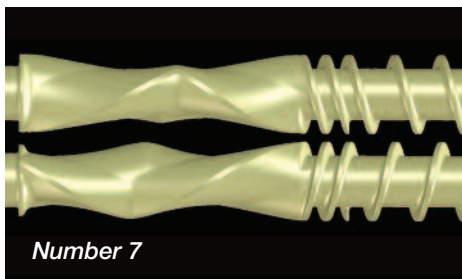

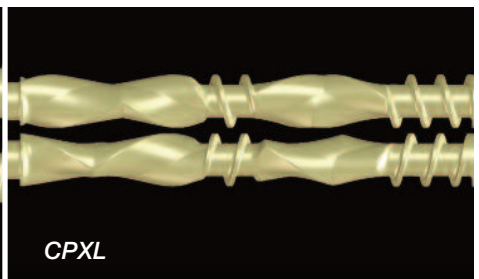
Segmented Chamber Barrel and Inserts:

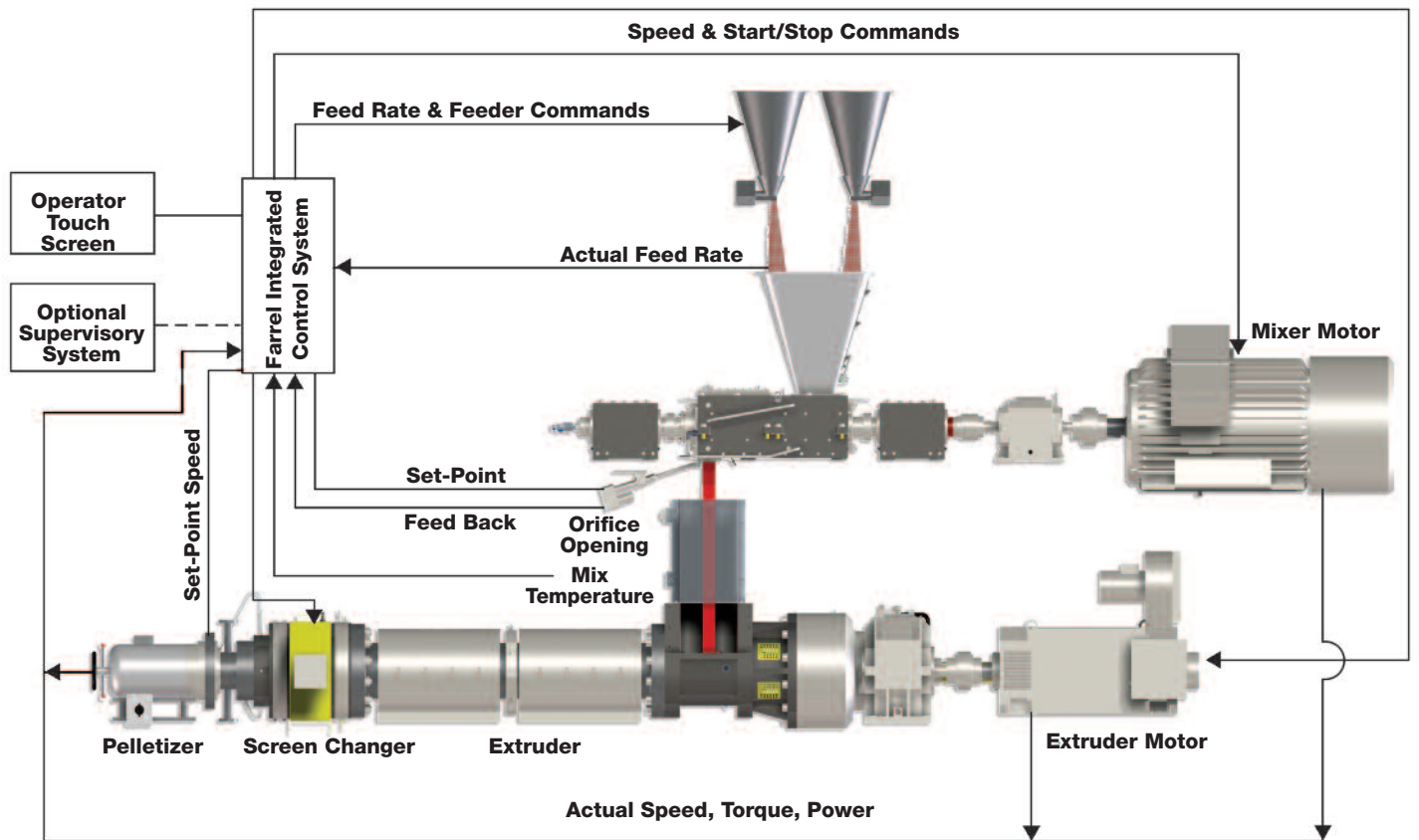
- Provide increased venting area
- Allows downstream addition of solid additives
- Permits infinite selection for oil injection and/or temperature measurement locations
- Increases dispersion capability
- Provides more uniform discharge temperature

Vent Plunger

- Keeps the vent free from polymer build-up
- Automatic PLC controlled operation

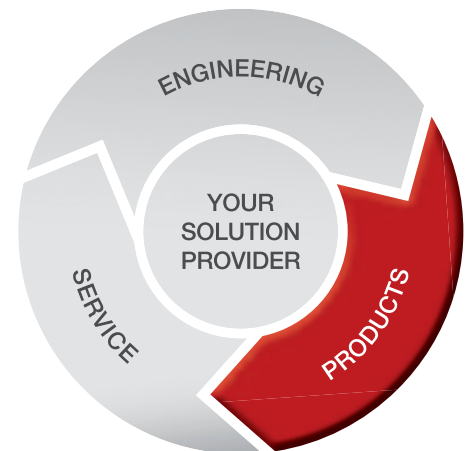
Standard Rotors

 <p>Number 7</p>	 <p>Number 15</p>	 <p>CPXL</p>
<ul style="list-style-type: none"> • For temperature sensitive materials 	<ul style="list-style-type: none"> • All purpose mixing and compounding for every mixer size 	<ul style="list-style-type: none"> • High filler • For temperature sensitive materials
	<ul style="list-style-type: none"> • Standard for concentrates and higher filler loadings 	<ul style="list-style-type: none"> • Reduced energy input



Integrated Control Features

- Control of individual feeders from operator touch screen
- Control of downstream equipment
- Temperature control of all equipment
- Automatic start-up of downstream process
- Automatic shut-down under normal and fault conditions
- Stable mixing energy input and melt temperature via Auto Orifice Control
- C.A.R.D. or VPN factory support
- PLC based with touchscreen
- Expandable to supervisory system (SCADA)
- Interface or control of upstream and downstream equipment



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