

FMC19Z

FLAT MOTOR CURVE

(Tapered rollers)

(Zero Pressure Accumulation 24 VDC)

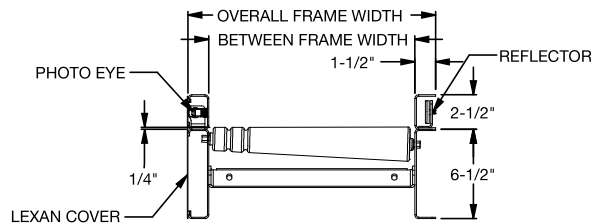
The FMC19Z live roller curves are compatible with straight sections and spurs providing flexibility to your conveyor line. Dependent upon the degree, each curve has one or two accumulation zones.

- 12 widths
- ProLogic accumulation system
- Tapered tread rollers
- 30, 45, 60 and 90 degree curves

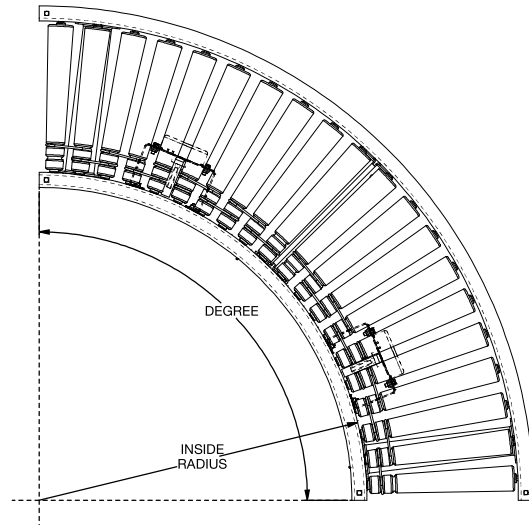


ProLogic ACCUMULATION SYSTEM
Patent Pending

BETWEEN FRAME WIDTH	OVERALL FRAME WIDTH	INSIDE RADIUS	NUMBER OF ROLLERS				WEIGHT (LBS.)	
			30°	45°	60°	90°	30° & 60°	60° & 90°
13"	16"	24"	5	8	10	16	110	200
15"	18"						121	220
17"	20"						132	240
19"	22"						143	260
21"	24"						154	280
23"	26"	32-1/2"	7	10	14	20	165	300
25"	28"						171	310
27"	30"						178	325
31"	34"						274	495
33"	36"						286	520
37"	40"	48"	10	14	22	30	311	565
39"	42"						325	590



STANDARD ROLLERS LOW SHOWN



STANDARD SPECIFICATIONS

BED – 6 1/2 in. deep x 1 1/2 in. flange x 12 ga. powder coated steel channel with 2 1/2 in. dia. tapered to 1 11/16 in. dia. x 14 ga. galvanized rollers.

GUIDE RAIL – 2 1/2" deep guide rails protect photo eye and reflectors while also preventing product spillage

COVER – Transparent smoked Lexan covers on drive side protect electrical components

CURVES – 30, 45, 60 and 90 degree curves. 24 in., 32 1/2 in. or 48 in. radius dependent upon between frame widths.

MOTOR – One 24 VDC flat motor in each zone mounted on inside of conveyor frame

MOTOR DRIVER CARD – One required for each motor

DRIVE/SLAVE BELTS – 3/16 in. dia. urethane belts from motor drive spool to rollers and roller to roller

ACCUMULATION ZONES – Two zones within 60 and 90 degree curves, one zone within 30 and 45 degree curves

POWER SUPPLY – Not included. Typically powered from straight section power supply.

ProLogic ZONE CONTROLLER – Located in each zone. Controls the accumulation or release of product. See controls section.

SENSORS – Retro-reflective photo eye with reflector

CONVEYING SPEED – 50-120 FPM. Selectable on motor drive card.

OPTIONAL EQUIPMENT

FLOOR SUPPORTS – SMS Type floor supports are available with a wide range of adjustment. Specify top of belt or roller elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor. Knee braces included on SMS-7 support and above.

ROLLERS HIGH – Outboard guiderails to allow 1 1/2 in. of product overhang per side

POWER SUPPLY – 5 amp power supply is available for stand-alone curves (3 motors maximum)

SENSOR – Diffuse photo eye

SLAVED TANGENTS – 3 in. or 6 in. tangents slaved from curve with urethane O-ring belts

POWERED TANGENTS – 9 in., 12 in., 15 in., 18 in. or 21 in. tangents including one 24 VDC motor and motor driver card

ADDITIONAL GUIDE RAILS – Adjustable channel guide rail. Note: If product comes into contact with guide rails, product flow may be affected.

OTHER ACCESSORIES – Poly-tier supports, ceiling hangers. See accessory section.