

GENESIS Series Extruders

Available in 15 sizes and a large number of possible configurations, the GENESIS Series Extruders combine the mechanical design from American Kuhne and the software features of the TEMPCOM Extruder Control System by Integrated Control Technologies to make a brand new design that is a quality product and feature rich in controls.

Three Year Warranty

We provide a warranty covering defects in material and workmanship for a full three years for all electrical and mechanical components.

Features:

The system is designed to be easy-to-use and requires limited training. The advanced system diagnostics inform maintenance visually of any alarms and their location making finding any issues with your system easy as well. The remote connectivity allows better operational supervision and remote troubleshooting possible. When it comes to your customers, the collections of important process data is standard making your system much more than just controlling the heats and speed. Combine these capabilities with the robust mechanical design from American Kuhne, and you have an extruder that you can depend upon for years to come.



	GENERAL			GEARBOX		BARREL HEAT					(24:1)			
	Model	Bore (Inch/mm)	Nominal Standard Drive Size (HP/kW)	Gearbox HP @ 100 RPM with a 1.50 S.F.	Thrust Bearing 810 Life @ 100RMP and 5000 psi/345 bar	Number of Barrel Heat Zones		Barrel Zone (kW)	Hi-Temp Barrel Zone (kW)	Clamp Zone (kW)	Shipping Weight (Lbs./kg)	Length (inch/mm)	Width (inch/mm)	Height (inch/mm)
						24:1	30:1							
SMALL	075	0.75/19	2/1.5	11	823,500	3	4	1.3	2	2.0	2K/900	41/1041	36/915	77/1956
	100	1/25	3/2.2	11	260,000	3	4	1.3	2	2.0	2K/900	47/1194	36/915	77/1956
	125	1.25/30	5/3.7	16	4,900,000	3	4	2	3	2.0	2K/900	53/1346	36/915	77/1956
	150	1.5/38	10/7.4	16	933,200	4	5	2	3	2.0	2K/900	60/1524	36/915	77/1956
	175	1.75/44	15/11.1	16	216,100	4	5	2	3	2.0	3K/1360	69/1753	36/915	77/1956
MEDIUM	200	2/51	20/14.7	53	8,400,000	3	4	5	7.5	3.0	5K/2250	75/1905	41/1041	78/1981
	250	2.5/64	40/29.4	110	5,300,000	4	5	5	7.5	3.0	6K/2700	95/2413	48/1219	80/2032
	300	3/76	50/36.8	110	918,000	5	6	5	7.5	3.0	8K/3600	105/2667	48/1219	80/2032
	350	3.5/89	75/55.1	125	447,500	4	5	10	N/A	3.0	9K/4050	124/3150	48/1219	82/2083
	350T	3.5/89	75/55.1	187	1,600,000	4	5	10	N/A	3.0	9K/4050	124/3150	47/1194	82/2083
LARGE	100mm	3.94/100	100/73.6	125	122,800	5	6	10	N/A	3.0	10K/4500	145/3683	57/1448	82/2083
	100mmT	3.94/100	100/73.6	187	495,400	5	6	10	N/A	3.0	10K/4500	145/3683	57/1448	82/2083
	450	4.5/114	150/110.3	320	1,849,000	5	6	12	N/A	6.0	13K/5850	158/4013	64/1626	82/2083
	130mm	5.12/130	200/147	320	467,000	6	7	12	N/A	6.0	14K/6300	185/4699	64/1626	82/2083
	600	6/152	30/220.5	533	351,000	5	6	20	N/A	6.0	17K/7650	198/5029	64/1626	84/2134
	600T	6/152	400/294	750	1,037,000	5	6	20	N/A	6.0	17K/7650	198/5029	64/1626	84/2134
	165mm	6.5/165	400/294	533	156,600	6	7	20	N/A	6.0	18K/8100	234/5944	64/1626	84/2134
	165mmT	6.5/165	500/367.8	750	443,600	6	7	20	N/A	6.0	18K/8100	234/5944	64/1626	84/2134
	800	8/203	500/367.8	750	145,300	5	6	27	N/A	6.0	25K/11250	260/6604	77/1956	84/2134
	800T	8/203	600/441	1300	93,200	5	6	27	N/A	6.0	26K/11700	260/6604	77/1956	84/2134
	225mm	8.86/225	600/441	750	61,800	6	7	27	N/A	6.0	28K/12600	281/7137	77/1956	84/2134