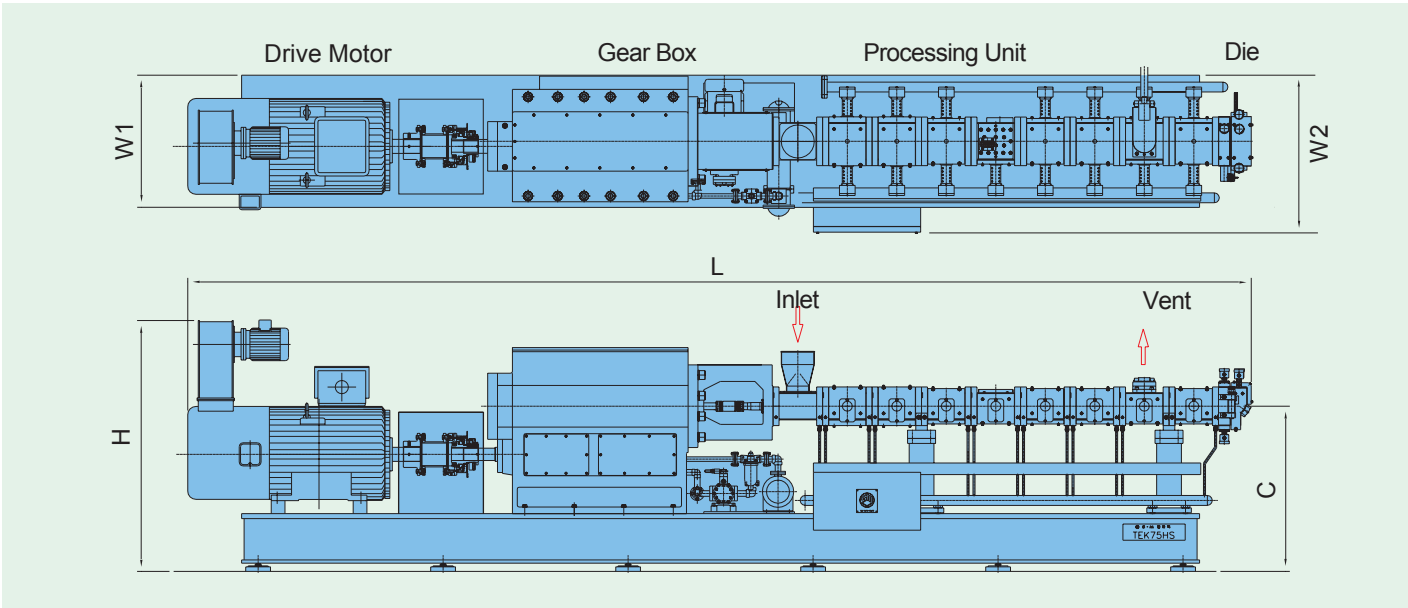
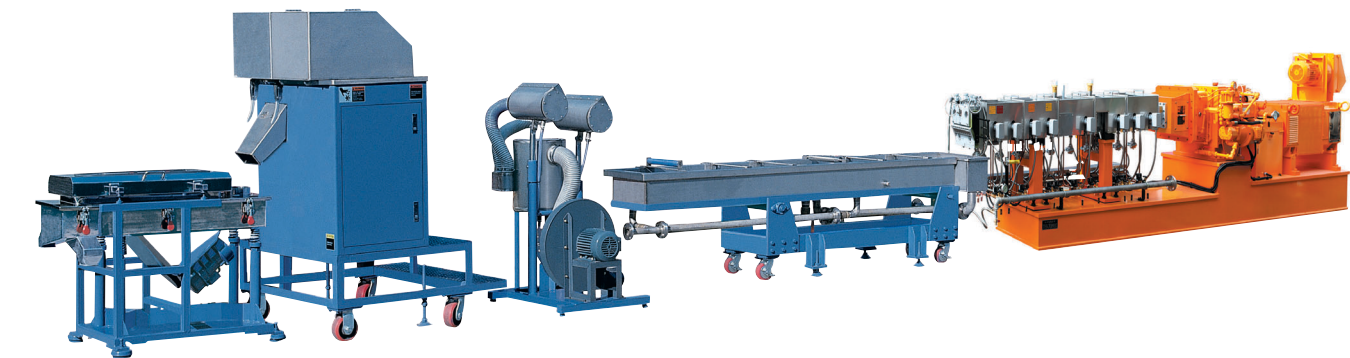


■ DIMENSION (36 L/D)

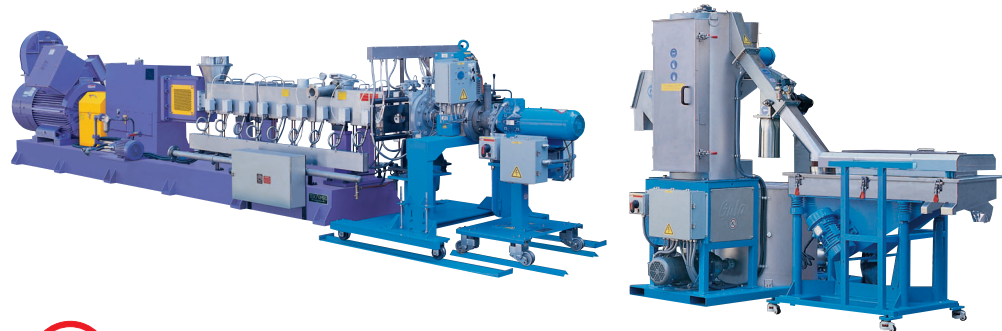


CODE	TEK 40 MHS	TEK 51MHS	TEK 58MHS	TEK 70MHS	TEK 75MHS	TEK 92MHS	TEK 96MHS
L	3850	4280	5250	5660	6540	7420	8680
C	900	900	950	1000	1000	1000	1100
W1	520	550	700	800	800	1000	1000
W2	750	770	850	880	1000	1000	1180
H	1400	1500	1700	1800	1800	2000	2100

■ TWIN SCREW EXTRUDER - COMPOUNDING / MASTER BATCH LINE



■ TWIN SCREW EXTRUDER - UNDER WATER CUTTING SYSTEM



 **S M PLATEK CO.,LTD.**
Seoul(Ansan), Korea

687-2, Sunggok-Dong, Ansan-City, Kyunggi-Do, Korea
TEL :82-31-488-3401, 3402(DID.)
FAX:82-31-488-9982
Website:www.smplatek.com
E-mail:sm@smplatek.com



TEK-MHS Series TWIN SCREW EXTRUDER

COMPOUNDING & MASTER BATCH

ツインスクルー 押出機

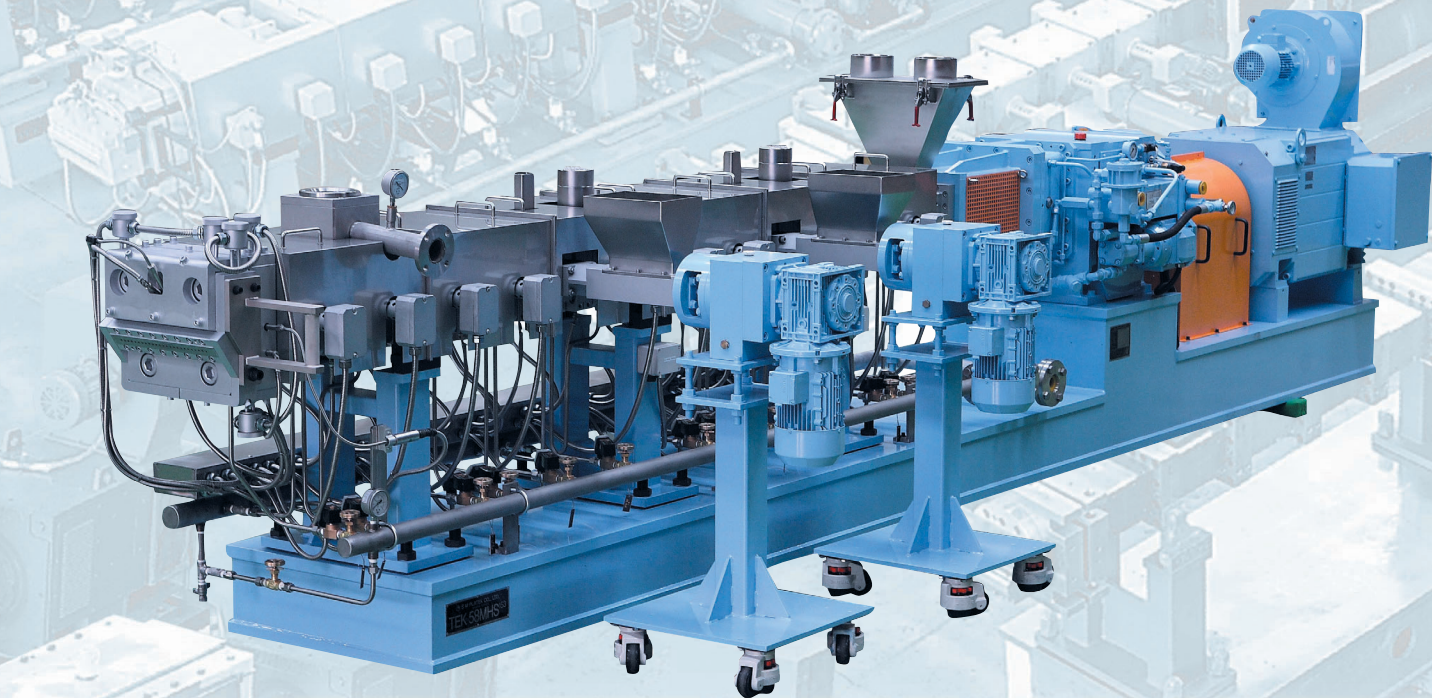


 **S M PLATEK CO.,LTD.**
www.smplatek.com

TWIN SCREW EXTRUDER for COMPOUNDING and MASTER BATCH

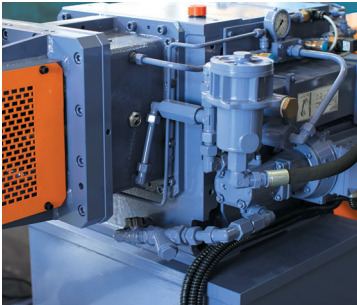
TEK-MHS Series are the most advanced model with the performance of super high speed and high torque.

TEK-MHS Series are particularly suitable for engineering plastic requiring filling, reinforcing and alloying operations as well as commodity plastics requiring dispersion of additive and Master Batch (Colorant).



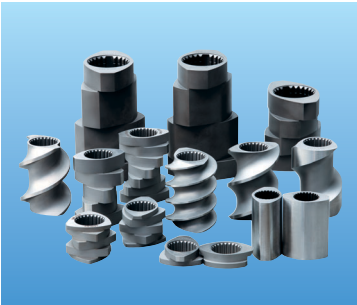
TEK-MHS Series

Segment Type Co-Rotating Twin Screw 分離式 タイプ 同方向 ツイン スクリュー
New Mechanism Dual Drive Gear Box is employed デュアル 駆動 ギアボックス



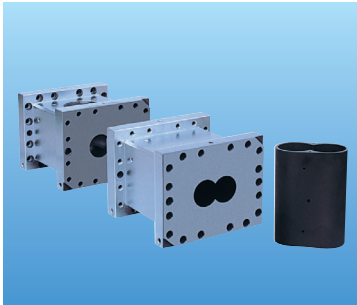
Gear Box Generating High Power
高効率変速機

Compact and low noise type enduring high speed revolution and high torque.
(dual drive mechanism)



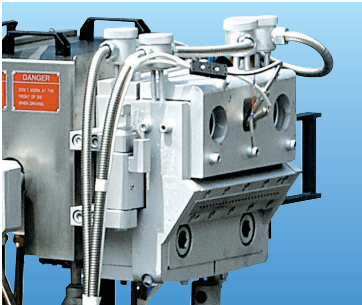
Depth Screw and Spline Shaft
深い溝スクリューとスプラインタイプ軸

Standard materials of screw are wear protected special steel. To the shaft, high torque enduring Involute spline is employed.



Wear Protected Sleeve Type Barrel
耐摩耗スリーブタイプバレル

General barrel with nitrided steel and sleeve type barrel with special steel for wear protected are employed to extend the span of life. Western type of rectangular building block out case.



Simple 45° Downward Traverse Die
簡単45度下向方式タイプダイ

Exchange of screen and cleaning of head part is easy and convenient. Simple operation is possible 45° downward traverse style.

■ TECHNICAL SPECIFICATION

DESCRIPTION		UNIT	TEK 40MHS				TEK 51MHS				TEK 58MHS				
Screw Diameter		mm	41				51				58				
Torque Rating for Shaft		Nm	880				1640				2500				
Screw Speed (Max.)		min ⁻¹ (RPM)	330	495	600	780	307	430	615	780	287	340	420	570	790
Drive Motor		Kw	30	45	55	72	55	75	110	140	75	90	110	150	210
Machine Center Height		mm	900				900				950				
Weight (L/D36)		Kg	2400				3100				5200				
Throughput	ABS	Kg /Hr	200~400				300~800				450~1200				
	M.B		80~150				100~350				150~500				

DESCRIPTION		UNIT	TEK 70MHS					TEK 75MHS					TEK 92MHS				TEK 96MHS			
Screw Diameter		mm	71					75					92				96			
Torque Rating for Shaft		Nm	4500					5300					9600				11000			
Screw Speed (Max.)		min ⁻¹ (RPM)	220	300	440	700	795	270	400	505	630	795	295	350	495	745	440	530	650	755
Drive Motor		Kw	110	150	220	350	395	150	220	280	350	480	300	350	500	750	500	600	750	870
Machine Center Height		mm	1000					1000					1100				1100			
Weight (L/D36)		Kg	6200					7200					9500				13400			
Throughput	ABS	Kg/Hr	800~2000					1000~2500					1500~4000				2500~4500			
	M.B		200~800					300~1000					800~1500				1000~2000			

■ STEEL MATERIAL OF BARREL AND SCREW

SCREW

CODE	MATERIAL	PROTECTION	HARDNESS	TEMP(MAX.)
SM 100	Nitrided Steel	Normal	900~1050Hv	450℃
SM 110	Cr Base Tool Steel	Abrasion	58~60 HRC	450℃
SM 111	Cr Base Tool Steel	Abrasion	900~1050 Hv	450℃
SM 150H	PM-HIP Compound	Ultra Abrasion	64~69 HRC	450℃
SM 150	PM-HIP Compound(GER)	Abrasion +Corrosion	60~62 HRC	450℃

BARREL

CODE	MATERIAL	PROTECTION	HARDNESS	TEMP(MAX.)
SM 010	Nitrided Steel	Normal Abrasion	750~850Hv	450℃
SM 077	Hi-Chrome Base Steel	Abrasion +	61~63 HRC	450℃
SM 800V	Powder Metal	Abrasion ++	62~64 HRC	450℃
SM 815V	Powder Metal	Ultra Abrasion	62~64 HRC	450℃
SM 260X	Powder Metal(HIP)	Abrasion + Corrosion	60~62 HRC	450℃

+ Good , ++ Very Good