

## Continuous mixing of rubber with the Ring Extruder Line (used equipment / built 2011)



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# 1. Specification of Granulator equipment

SMS 60 / 100-G3-3(HERBOLD MECKESHEIM/ Germany)

built 2011



**Rotor dimensions**

Diameter	600 mm	Cutting width	1000 mm
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**Knives**

Rotor knives	3 x 2
Stator knives	2
Deflection wedge	1
with flat knives	1

**Drive motor**

Power	132/158 kW
Speed	1500/1800 min <sup>-1</sup>
Voltage	400/690 V ± 10 %
Frequency	50/60 Hz
Design	B3
Protection	IP55

## 2. Specification of Container Mixer equipment

CM 2000 - CD(Mixacol / Germany)

built 2011



Maximum usable volume	: 1600 l	
Batch size	: 800 kg	
Year of construction	: 2011	
Weight	: approx. 8.500 kg	
Color	: Mixer and auxiliary	RAL 5023 (blue)
	: Container	RAL 1015 (ivory)
	: Control cabinet / panel	RAL 7032 (grey)
Compressed air	: 6 bar	
Operating voltage	: 400- 60 Hz	
Control voltage	: 24 V - DC	
Connected load	: 127 kW	
Line cross section	: 4 x 120 mm <sup>2</sup>	
Power consumption	: 227,0 A	
Fusing	: 250,0 A	
Container discharge	: NW 400	
Mixing tool/s	: Bottom blade mixing tool, Chopper drive	
suction device	: NW 50, (pneumatic)	



### 3. Conveyor of Pressure System & Loss in weight

Silo 60m<sup>3</sup> x 3 SET & LIW x 6 SET(Korea)

built 2011



## 4. Specification of Continuous mixing of Ring Extruder

RE 7 XP - 40D(Extricom / Germany)

built 2011



### 1.10 Technical data

#### 1.10.1 General

Screw diameter	(mm)	70,30
Extruder diameter	(mm)	71,50
Distance between centres	(mm)	58.5
Max. torque per shaft	(Nm)	1906
Screw drive speed	(1/min)	300
Extrusion height	(mm)	1400.0
Process unit length L/D	(1)	40
Overall length	(mm)	7870
Overall width	(mm)	1748
Overall height	(mm)	2200.0
Total weight (without auxiliary and operating media)	(kg)	23500
Noise	80	dB (A)

#### 1.10.2 Main drive

Make and type		Elin MKH745A06
Power	(kW)	782
Max. speed	(1/min)	1295
Shaft height	(mm)	450
Weight	(kg)	2950
Rated current/voltage	(V/A)	see specification plate