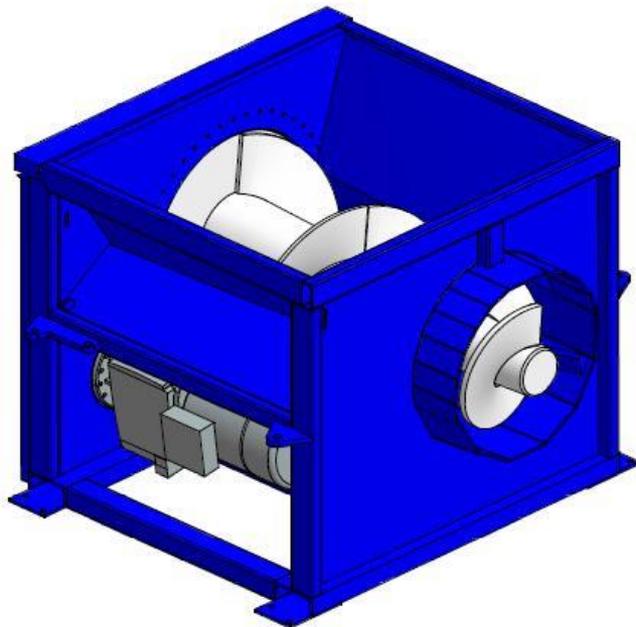
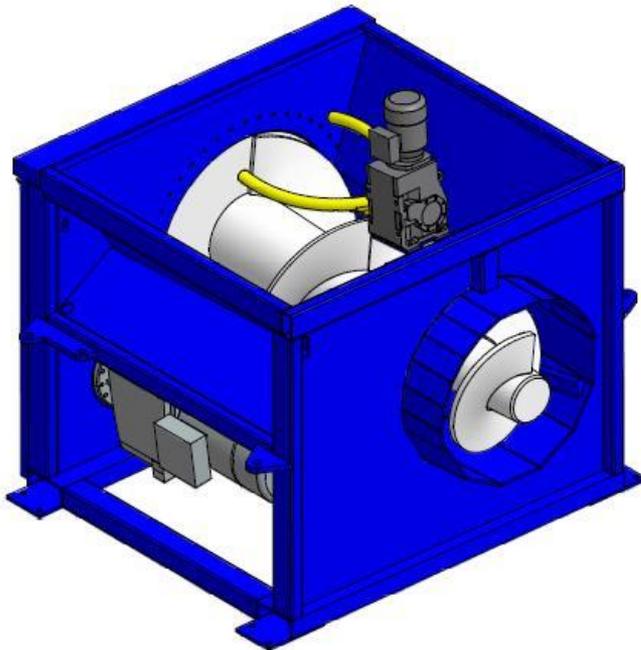


## Screw Compactor without feeding device



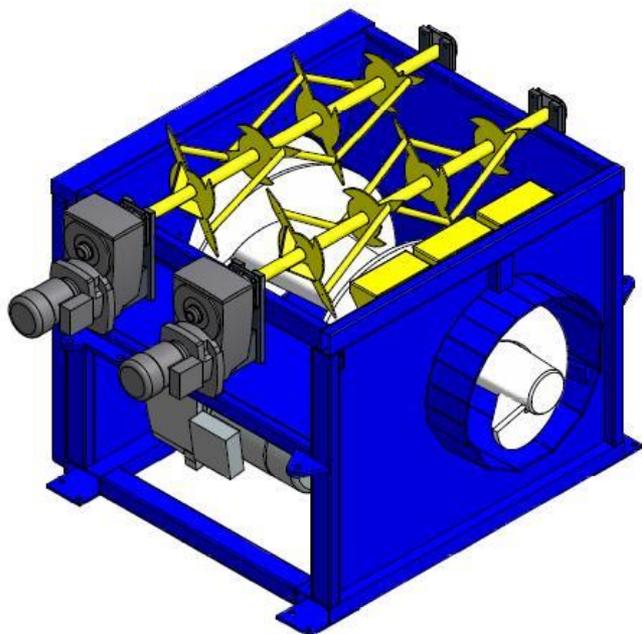
<b>Fraction:</b>	foils, residual waste, polystyrene, PET bottles (pre-crushed)	
<b>Measure W x L x H:</b>	1500 x 1420 x 1300 mm	
<b>Feed opening:</b>	1400 x 1200 mm	
<b>Drive performance:</b>	11 kW / 15 kW	
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz	
<b>Fuse rating:</b>	50 A / 63 A	
<b>Nominal current:</b>	22,5 A / 30 A	
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	foils	4,5 – 6,0 t
	residual waste	7,0 – 9,0 t
	PET bottles	6,0 – 7,0 t
<b>Throughput:</b>	foils	100 m <sup>3</sup> / h
	residual waste	100 m <sup>3</sup> / h
	PET bottles	150 m <sup>3</sup> / h

## Screw Compactor with whirler



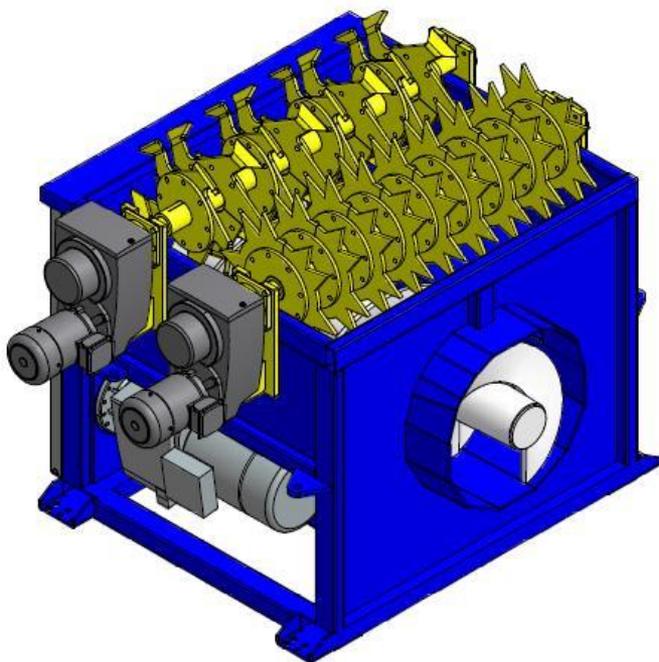
<b>Fraction:</b>	paper, cardboard packaging (max. 600 x 600 mm)	
<b>Measure W x L x H:</b>	1500 x 1420 x 1300 mm	
<b>Feed opening:</b>	1400 x 1200 mm	
<b>Drive performance:</b>	11 kW / 15 kW	
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz	
<b>Fuse rating:</b>	50 A / 63 A	
<b>Nominal current:</b>	22,5 A / 30 A	
<b>Whirler motor:</b>	0,37 kW	
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	paper	6,5 – 7,5 t
	cardboard	6,5 – 7,5 t
<b>Throughput:</b>	paper	100 m <sup>3</sup> / h
	cardboard	100 m <sup>3</sup> / h

## Screw Compactor with feeding device for heavy duty cardboard



<b>Fraction:</b>	heavy duty cardboard packaging, flattened cardboard
<b>Measure W x L x H:</b>	1500 x 1420 x 1300 mm
<b>Feed opening:</b>	1400 x 1200 mm
<b>Drive performance:</b>	11 kW / 15 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	50 A / 63 A
<b>Nominal current:</b>	26 A / 33 A (feeding device 2 x 0,55 kW) 27 A / 34 A (feeding device 2 x 0,75 kW)
<b>Feeding device:</b>	Ø 50 mm / 2 x 0,55 kW Ø 60 mm / 2 x 0,75 kW
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	6,5 – 7,5 t
<b>Throughput</b>	100 - 120 m <sup>3</sup> / h

## Screw Compactor with cardboard pre-crusher



<b>Fraction:</b>	heavy duty cardboard packaging, flattened cardboard for automatic feeding, cardboard-pallets
<b>Measure W x L x H:</b>	1500 x 1420 x 1300 mm
<b>Feed opening:</b>	1400 x 1200 mm
<b>Drive performance:</b>	15 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	63 A
<b>Nominal current:</b>	59 A
<b>Feeding device:</b>	Ø 89 mm / 2 x 4 kW exchangeable cutters (material thickness = 15 mm)
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	7,5 – 8,0 t
<b>Throughput:</b>	150 m <sup>3</sup> / h

## cardboard pre-crusher modifications

### Drive performances available:

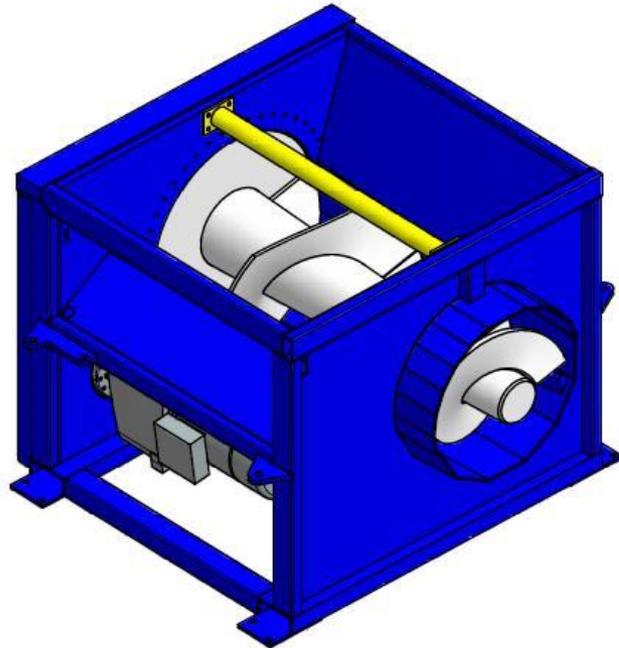
**Standard:** *1 x 0,75 / 1 x 2,2 kw*  
(in use, e.g. at standard IKEA houses with manual feeding of the paper pallets ) / S

**Modified version:** *1 x 0,75 / 1 x 4 kw*  
(in use, e.g. at IKEA Belgium and Netherlands for feeding by means of a hydraulic tipping device) / M

**Reinforced version:** *2 x 4 kw*  
(automatic feeding, e.g. automotive industry) / R

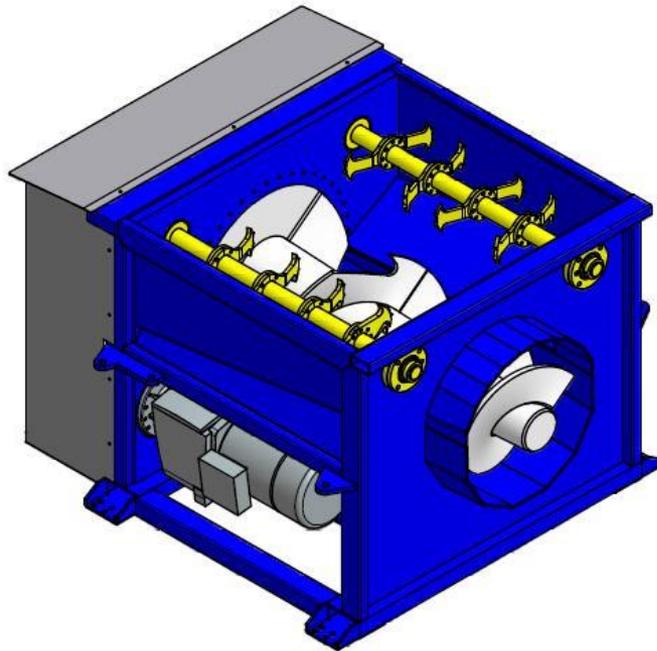
**Reinforced version:** *1 x 4 kw / 1 x 5,5 kw*  
(in use at QVC, german shopping channel, automatic feeding by means of conveyor belt, y-tube hopper) / RHD

## Screw Compactor with guide tube



<b>Fraction:</b>	wood; manual feeding in rotating direction of the screw compactor
<b>Measure W x L x H:</b>	1500 x 1420 x 1300 mm
<b>Feed opening:</b>	1400 x 1200 mm
<b>Screw spiral:</b>	cutted wings, outer edge and peak of the screw spiral reinforced
<b>Drive performance:</b>	15 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	63 A
<b>Nominal current:</b>	30 A
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	5,0 – 6,0 t
<b>Throughput:</b>	100 m <sup>3</sup> / h

## Screw Compactor with wood-crusher



**Fraction:** wood; continuous feeding

### Special machine housing

(reinforced machine housing and bearing)

**Total height:** 1400 mm

**Inner width:** 1400 mm

**Inner length:** 1300 mm

**Spiral:** in centre, total length 1700 mm, wings with 5 recesses, outer edge and peak of the screw spiral reinforced

**Drive performance:** 15 kW

**Power supply:** 63A-CEE / 400 V / 50 Hz

**Fuse rating:** 63 A

**Nominal current:** 37,5 A

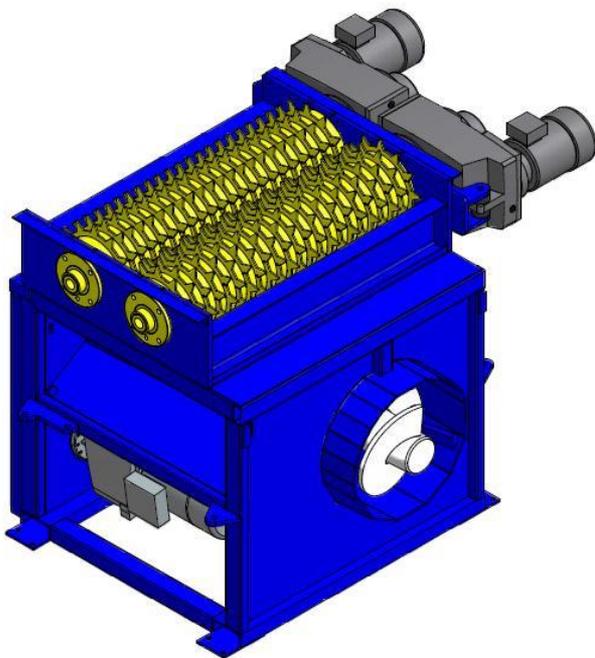
**Feeding device:**  $\varnothing$  70 mm / 2 x 1,5 kW  
exchangeable cutters  
(material thickness = 15 mm)

### Degree of compaction

**in a 32 m<sup>3</sup>-container:** 5,0 – 6,0 t

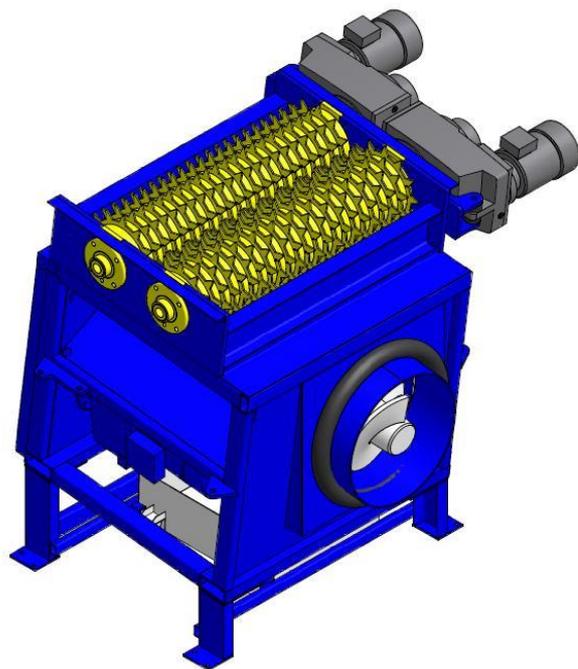
**Throughput:**  $\geq$  120 m<sup>3</sup> / h

## Screw Compactor with deformer



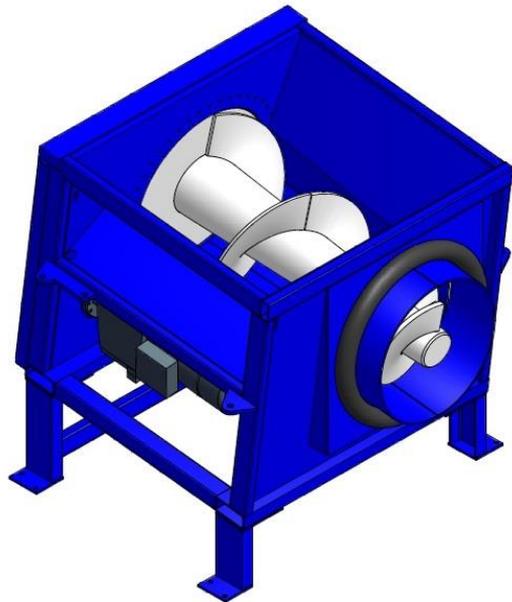
<b>Fraction:</b>	PET bottles (empty)
<b>Measure W x L x H:</b>	1500 x 1420 x 1300 mm
<b>Feed opening:</b>	1400 x 950 mm
<b>Drive performance:</b>	15 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	63 A
<b>Nominal current:</b>	47 A (2 x 4,0 kW) 53 A (2 x 5,5 kW)
<b>Deformer:</b>	Measure W x L x H: 1500 x 2330 x 450 mm  <u>HG/defo, type 4.0</u> 2 x 4,0 kW Ø 320 mm (rollers), 430 mm total extent incl. cutters (for devaluation)  <u>HG/defo, type 5.5</u> 2 x 5,5 kW Ø 320 mm (rollers) 470 mm total extent incl. reinforced cutters (for devaluation)
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	6,0 – 7,0 t
<b>Throughput:</b>	150 / 200 m <sup>3</sup> / h

## Screw Compactor with deformer



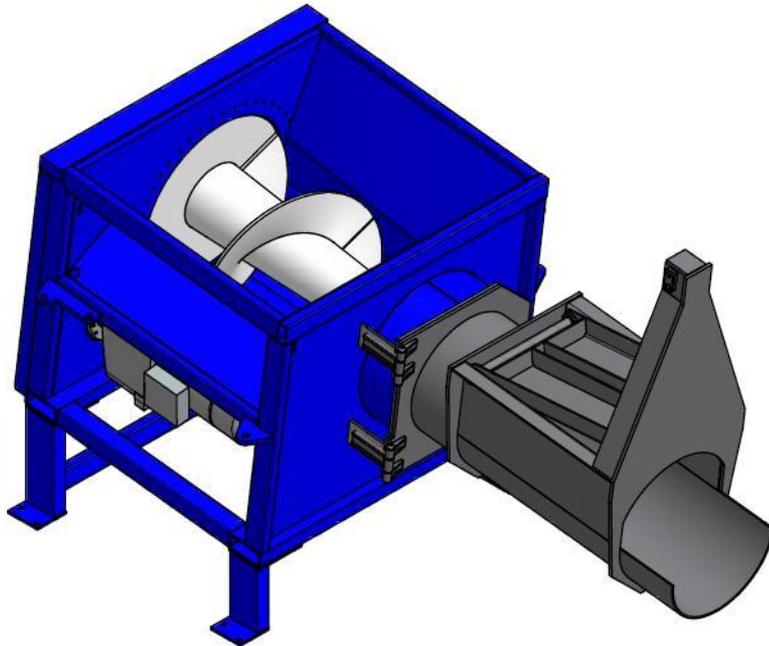
<b>Fraction:</b>	PET bottles (full)
<b>Measure W x L x H:</b>	1500 x 1420 x 1700 mm (height can vary depending on requirement)
<b>Feed opening:</b>	1400 x 950 mm
<b>Drive performance:</b>	15 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	63 A
<b>Nominal current:</b>	53 A
<b>Deformer HG/defo, type 5.5:</b>	Measure W x L x H: 1500 x 2350 x 450 mm  2 x 5,5 kW Ø 320 mm (rollers) 470 mm total extent incl. reinforced cutters (for devaluation)
<b>Degree of compaction in a 32 m<sup>3</sup>-container:</b>	6,0 – 7,0 t
<b>Throughput:</b>	200 m <sup>3</sup> / h

## Screw Compactor placed on a base frame construction



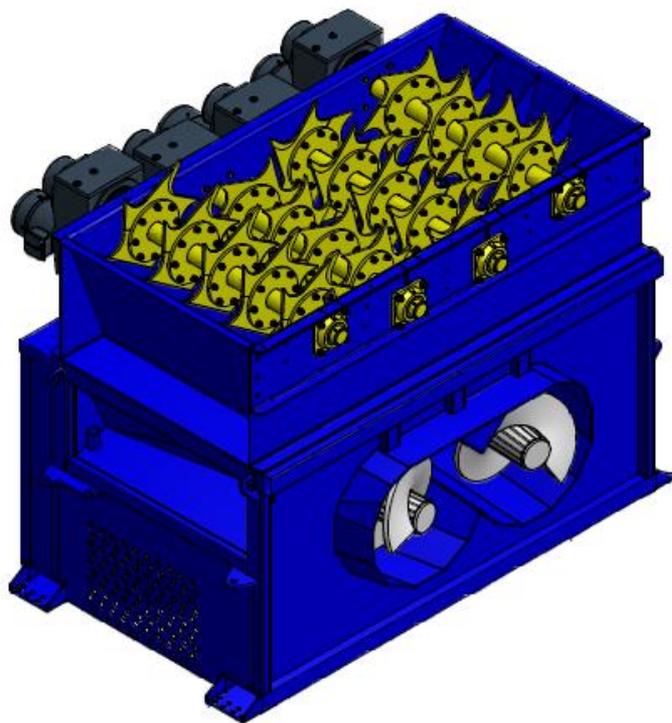
<b>Fraction:</b>	fruit and vegetables
<b>Measure W x L x H:</b>	1500 x 1420 x 1700 mm (height can vary depending on requirement)
<b>Feed opening:</b>	1400 x 950 mm
<b>Drive performance:</b>	11 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	63 A
<b>Nominal current:</b>	53 A

## Dewatering Screw Compactor



<b>Fraction:</b>	fruit, vegetables, beverage and food packaging
<b>Measure W x L x H:</b>	3150 x 1420 x 1700 mm (height can vary depending on requirement)
<b>Feed opening:</b>	1400 x 1200 mm
<b>Drive performance:</b>	11 kW / 15 kW
<b>Power supply:</b>	63A-CEE / 400 V / 50 Hz
<b>Fuse rating:</b>	50 A / 63 A
<b>Nominal current:</b>	22,5 A / 30 A
<b>Degree of compaction in a 32m<sup>3</sup>-container:</b>	8,0 – 11,0 t
<b>Throughput:</b>	150 m <sup>3</sup> / h

## Double Screw Compactor with cardboard pre-crusher



**Fraction:** heavy duty cardboard packaging, flattened cardboard for automatic feeding, cardboard-pallets

### Special machine housing

**Total height:** 2100 mm  
**Inner width:** 2350 mm  
**Inner length:** 1200 mm

**Drive performance:** 2 x 15 kW / 2 x 18,5 kW

**Power supply:** 400 V / 50 Hz / 3 P

**Fuse rating:** minimum 200 A

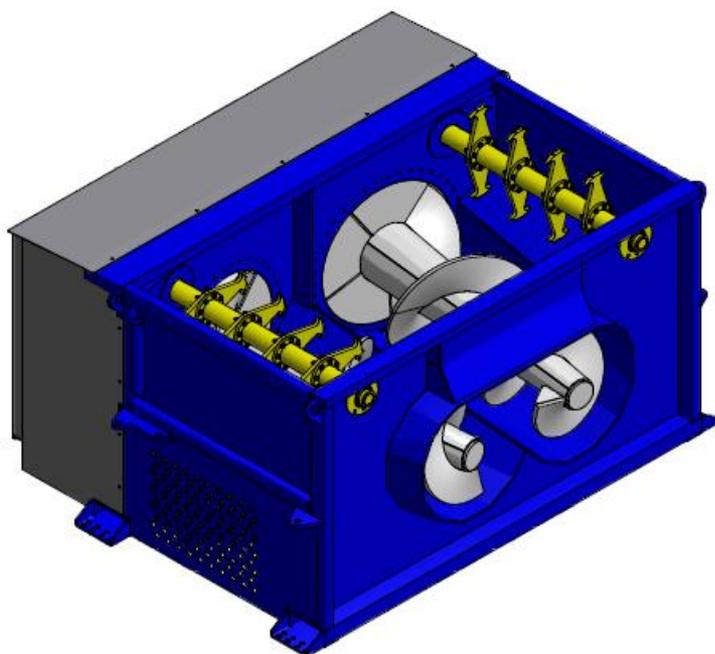
**Nominal current:** 130 A / 150 A

**Feeding device:**  $\varnothing$  80 mm / 2 x 4 kW + 2 x 5,5 kW exchangeable cutters

**Degree of compaction in a 32 m<sup>3</sup>-container:** approx. 9,0 t

**Throughput:** approx. 300 m<sup>3</sup> / h

## Double Screw Compactor with wood-crusher



**Fraction:** wood; continuous feeding

**Special machine housing**

**Total height:** 1400 mm

**Inner width:** 2325 mm

**Inner length:** 1200 mm

**Drive performance:** 2 x 15 kW

**Power supply:** 125A-CEE / 400 V / 50 Hz

**Fuse rating:** minimum 100 A

**Nominal current:** approx. 63 A

**Feeding device:** Ø 70 mm / 2 x 1,5 kW  
exchangeable cutters  
(material thickness = 15 mm)

**Degree of compaction**

**in a 32 m<sup>3</sup>-container:** approx. 7 – 9 to

**Throughput:** 150 – 200 m<sup>3</sup> / h, depending on the  
material