



### / Chain-Plate Feeders

- designed for loading of logs and slabs from crane, front loader or pre-feeders;
- inclination & speed freely adjustable;
- strong frame to avoid breakages.



### / Chain Feeders

- designed for loading of logs from crane, front loader or pre-feeders;
- reinforced bottom for material load up to 2000 kg/m<sup>2</sup>;
- working speed freely adjustable with frequency converter.



### / Pentadyn

- designed for bark and heavy pollutants residuals removal during debarking or chipping process;
- screening pentagonal section disks suitable for realignment of the material, fluidizing and shaking;
- working speed aligned with chipping/debarking line.



### / Vibrating Feeders

- designed for feeding of logs, slabs, etc. to crushing machines or of chips to downstream machines;
- integrable with magnetic drum for ferrous metals removal;
- vibrating speed freely adjustable.



## FEEDERS FOR BULKY MATERIALS

### 01.03.A

### CHAIN-PLATE FEEDERS - TKK FOR URBAN FOREST MATERIAL

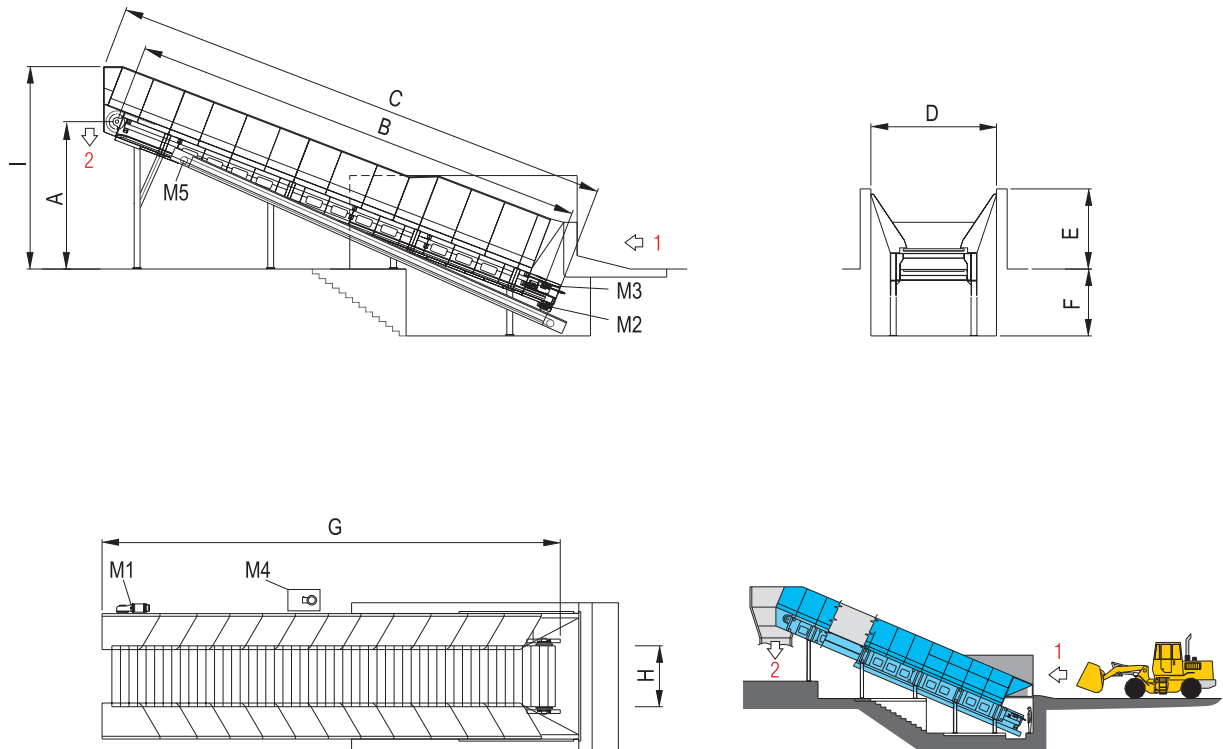
#### TECHNICAL FEATURES

/ Very strong double-roller chain feeder / Moving bed equipped with transverse metal plates, overlapped and sealed by profiled shape / Front shaft fitted with direct transmission / Rear shaft fitted with chain tensioning devices / Self cleaning system with: closed bottom • rear reclaim screw conveyors • reclaim belt conveyor / Automatic lubrication device for chains / High containment walls.

#### BENEFITS

/ Easy loading of urban forest material, such as pallets, crates, cable drums, construction material, demolition furniture, recycled particleboards, etc., bulky or pre-crushed / Very efficient feeding of pre-crushers (Alligator) or Crushers (Tiger) / Except for front loader or crane, operators are required from time to time only / Working speed freely adjustable by using frequency converter / Automatic cleaning and lubrication / High performance / Low maintenance cost.





1= FEEDING  
2= DISCHARGE

M1= DOUBLE CHAIN  
PLATE-FEEDER

M2= CLEANING SCREW  
M3= CLEANING SCREW

M4= LUBRICATION DEVICE  
M5= CLEANING BELT

Not binding data. We reserve the right of modification at any time without prior notice.

### 01.03.A

### TKK.230 / TKK.350 FOR URBAN FOREST MATERIAL

#### OVERALL DIMENSIONS mm

MODEL	A	B	C	D	E	F	G	H	I
<b>TKK.230/1200</b>	5515	12000	14167	4700	3000	1000	14832	2000	7575
<b>TKK.230/1700</b>	5515	17125	18914	4700	3000	2500	17140	2280	7575
<b>TKK.350/1200</b>	4315	12125	13760	5800	3000	500	13215	3500	7735
<b>TKK.350/1700</b>	4315	17125	18760	5800	3000	2400	17815	3500	7735

MODEL	CAPACITY* BULK m <sup>3</sup> /h	INSTALLED POWER kW					WEIGHT APPROX. KG
		M1*	M2	M3	M4	M5**	
<b>TKK.230/1200</b>	200-230	5,5	0,55	0,55	0,12	2,2	22000
<b>TKK.230/1700</b>	200-230	5,5	0,55	0,55	0,12	2,2	27000
<b>TKK.350/1200</b>	300	5,5-15	0,55	0,55	0,25	2,2	35000
<b>TKK.350/1700</b>	300-350	5,5-15	0,55	0,55	0,25	3,0	44000

\*According to feeding material \*\*Reclaim belt for self cleaning system as option



## FEEDERS FOR LOGS, SLABS & SAWMILL RESIDUES

**01.03.B**

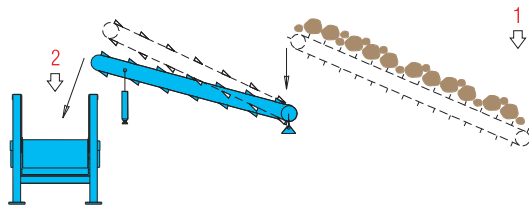
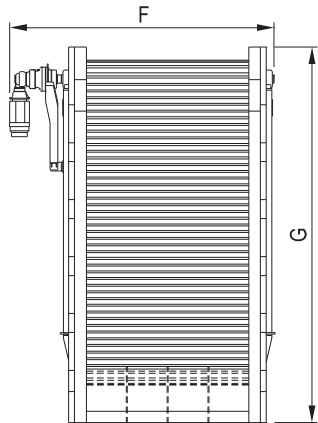
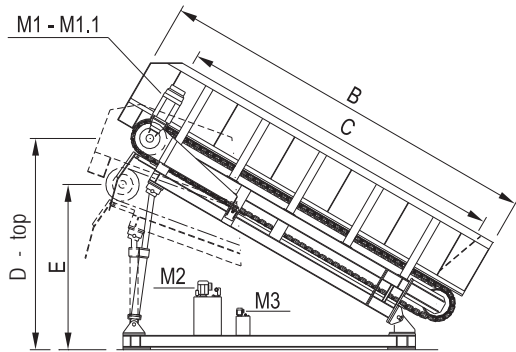
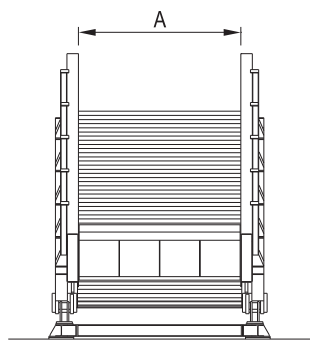
**CHAIN-PLATE FEEDERS - TKK.P**

### **TECHNICAL FEATURES**

/ Front shaft fitted with direct transmission / Rear shafts with chain tensioning devices / Transportation system based on: side chains, "Caterpillar" type, fitted with automatic system for lubrication • bed of very strong partially overlapping steel plates / Material containment walls / Hydraulic pistons for adjusting working inclination.

### **BENEFITS**

/ Easy loading of wood logs, slabs and sawmill residues: from pre-feeders • from crane • from front loader / Easy adjusting of working inclination according to the reaction of processed material / Working speed freely adjustable by using frequency converter / High performance / Excellent fluidization of the material / Low maintenance cost.



1= FEEDING  
2= DISCHARGE

M1= MAIN MOTOR  
M1.1= FAN FOR COOLING

M2= HYDRAULIC UNIT  
M3= LUBRIFICATING DEVICE

Not binding data. We reserve the right of modification at any time without prior notice.

**01.03.B**

**TKK.P**

**OVERALL DIMENSIONS mm**

MODEL	A	B	C	D	E	F	G
<b>TKK.P.300/600.H</b>	2940	7000	6000	5200	4450	4790	6800

MODEL	CAPACITY* LOGS BULK m <sup>3</sup> /h	INSTALLED POWER kW				WEIGHT APPROX. KG
		M1	M1.1	M2	M3	
<b>TKK.P.300/600.H</b>	400++	22	0,12	7,50	0,12	24700

\*According to loading efficiency



## FEEDERS FOR LOGS, SLABS & SAWMILL RESIDUES

**01.03.B**

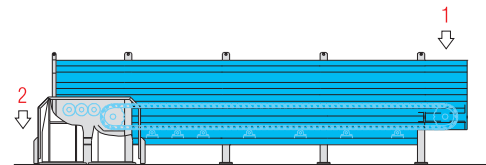
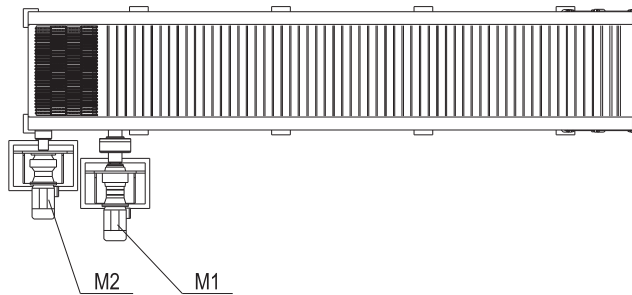
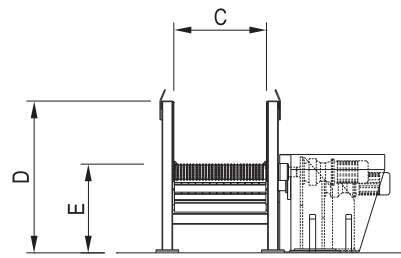
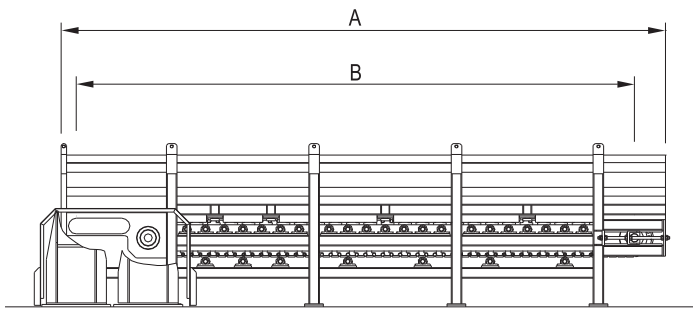
**CHAIN-PLATE-ROLL FEEDERS - TKK.4R**

### **TECHNICAL FEATURES**

/ Front shaft fitted with direct transmission / Rear shaft with chain tensioning devices / Theory of interconnected chain-plates / Four toothed terminal rollers with separate transmission / Side walls.

### **BENEFITS**

/ Possibility of feeding any type of raw wood / Working speed according to speed of chipping train / Possibility of inverting flow direction when needed / High performance / Low maintenance cost.



1= FEEDING  
2= DISCHARGE

M1 = CHAIN PLATE ROTATION  
M2= DISCHARGE ROLLS ROTATION

Not binding data. We reserve the right of modification at any time without prior notice.

## 01.03.B

## TKK.4R

### OVERALL DIMENSIONS mm

MODEL	A	B	C*	D	E	F
<b>TKK.1000/6500</b>	7260	6500	1000	2025	1060	2887
<b>TKK.4R.1235/7400</b>	8073	7455	1235	2025	1175	3122
<b>TKK.4R.1435/7400</b>	8073	7455	1435	2025	1175	3322

\*Adjustable according to crusher/chipper working width

MODEL	CAPACITY** LOGS BULK m <sup>3</sup> /h	INSTALLED POWER kW		WEIGHT APPROX. KG
		M1	M1.1	
<b>TKK.1000/6500</b>	400++	11	-	15600
<b>TKK.4R.1235/7400</b>	400++	11	7,5	17500
<b>TKK.4R.1435/7400</b>	400++	11	7,5	18500

\*\*According to loading efficiency





## FEEDERS FOR LOGS, SLABS & SAWMILL RESIDUES

**01.03.C**

**CHAIN-PLATE FEEDERS - T4K**

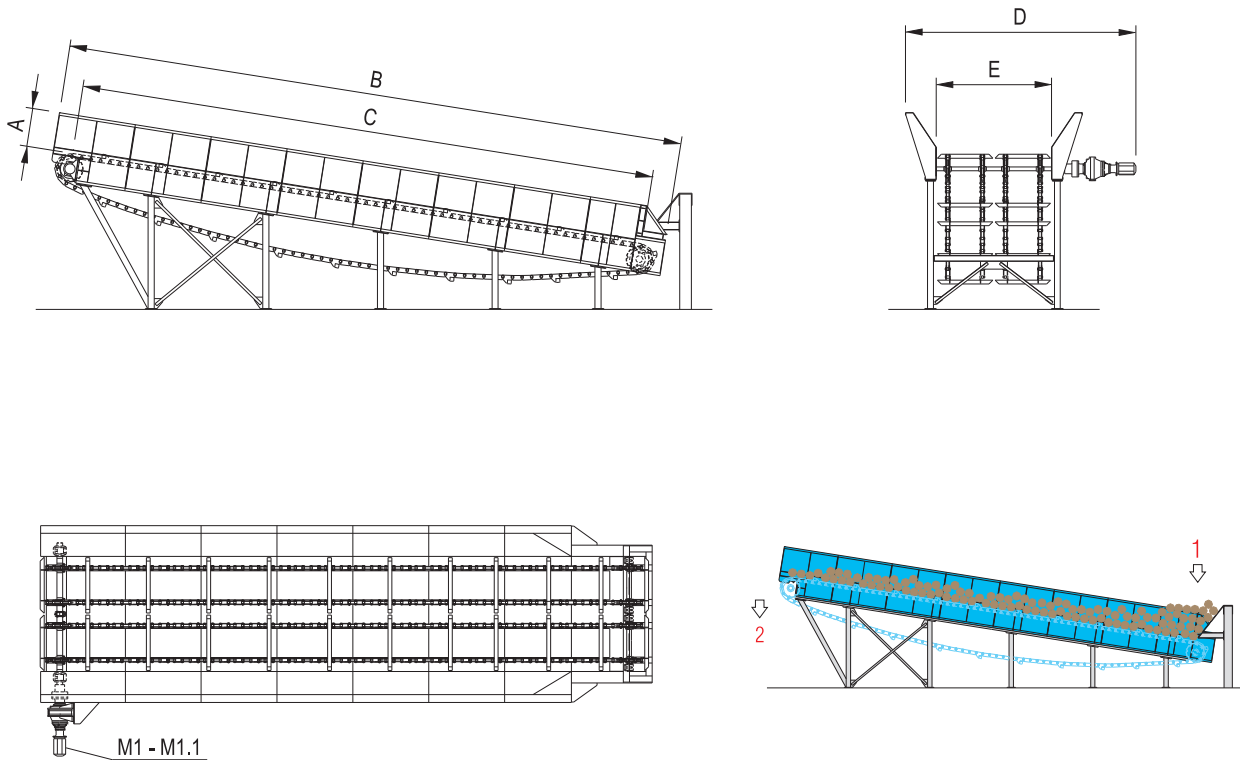
### TECHNICAL FEATURES

/ Front shaft fitted with direct transmission / Rear shafts with chain tensioning devices / Transportation bed based on: reinforced bottom plate for material load up to 2.000 kg/m<sup>2</sup> • four strong chains fitted with cross profiles / Option for material containment walls.

### BENEFITS

/ Easy loading of wood logs of many sizes: from crane • from front loader • directly from tipper trucks / Working speed freely adjustable by using frequency converter / High performance / Low maintenance cost.





1 = FEEDING  
2 = DISCHARGE

M1 = MAIN MOTOR  
M1.1 = FAN FOR COOLING

Not binding data. We reserve the right of modification at any time without prior notice.

### 01.03.C

### T4K

#### OVERALL DIMENSIONS mm

MODEL	A	B	C	D	E
<b>T4K.300/1000</b>	1000	11090	10000	5995	3000
<b>T4K.300/1500</b>	1000	16100	15000	5995	3000

MODEL	CAPACITY LOGS* BULK m <sup>3</sup> /h	INSTALLED POWER kW		WEIGHT APPROX. KG
		M1	M1.1	
<b>T4K.300/1000</b>	350++	11	0,07	20000
<b>T4K.300/1500</b>	350++	11	0,07	33300

\*According to loading efficiency



## FEEDERS FOR LOGS, SLABS & SAWMILL RESIDUES

**01.03.C**

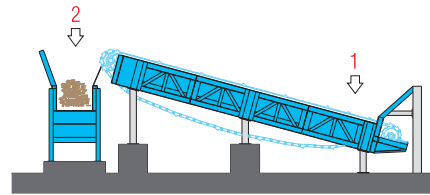
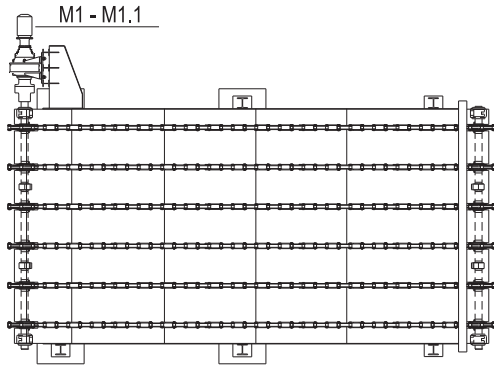
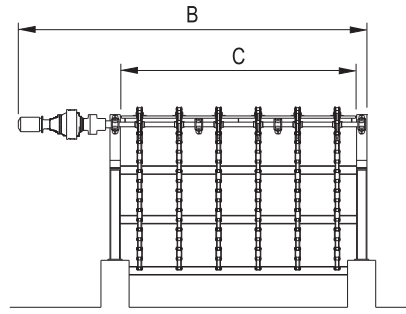
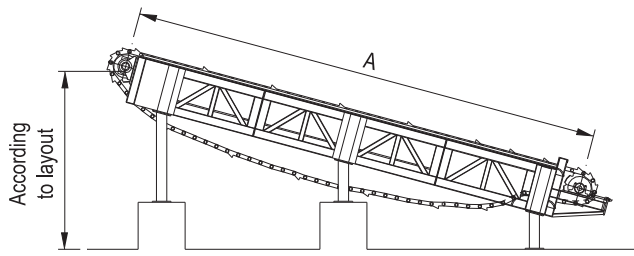
**CHAIN FEEDERS - T6K**

### **TECHNICAL FEATURES**

/ Front shaft fitted with direct transmission / Rear shafts with chain tensioning devices / Transportation bed based on: • reinforced bottom plate for material load up to 2.000 kg/m<sup>2</sup> / Six strong chains fitted with transport profiles.

### **BENEFITS**

/ Easy loading of slabs and sawmill residues: from crane • from front loader / Working speed freely adjustable by using frequency converter / High performance / Low maintenance cost.



1 = FEEDING  
2 = DISCHARGE

M1 = MAIN MOTOR  
M1.1 = FAN FOR COOLING

Not binding data. We reserve the right of modification at any time without prior notice.

### 01.03.C

**T6K**

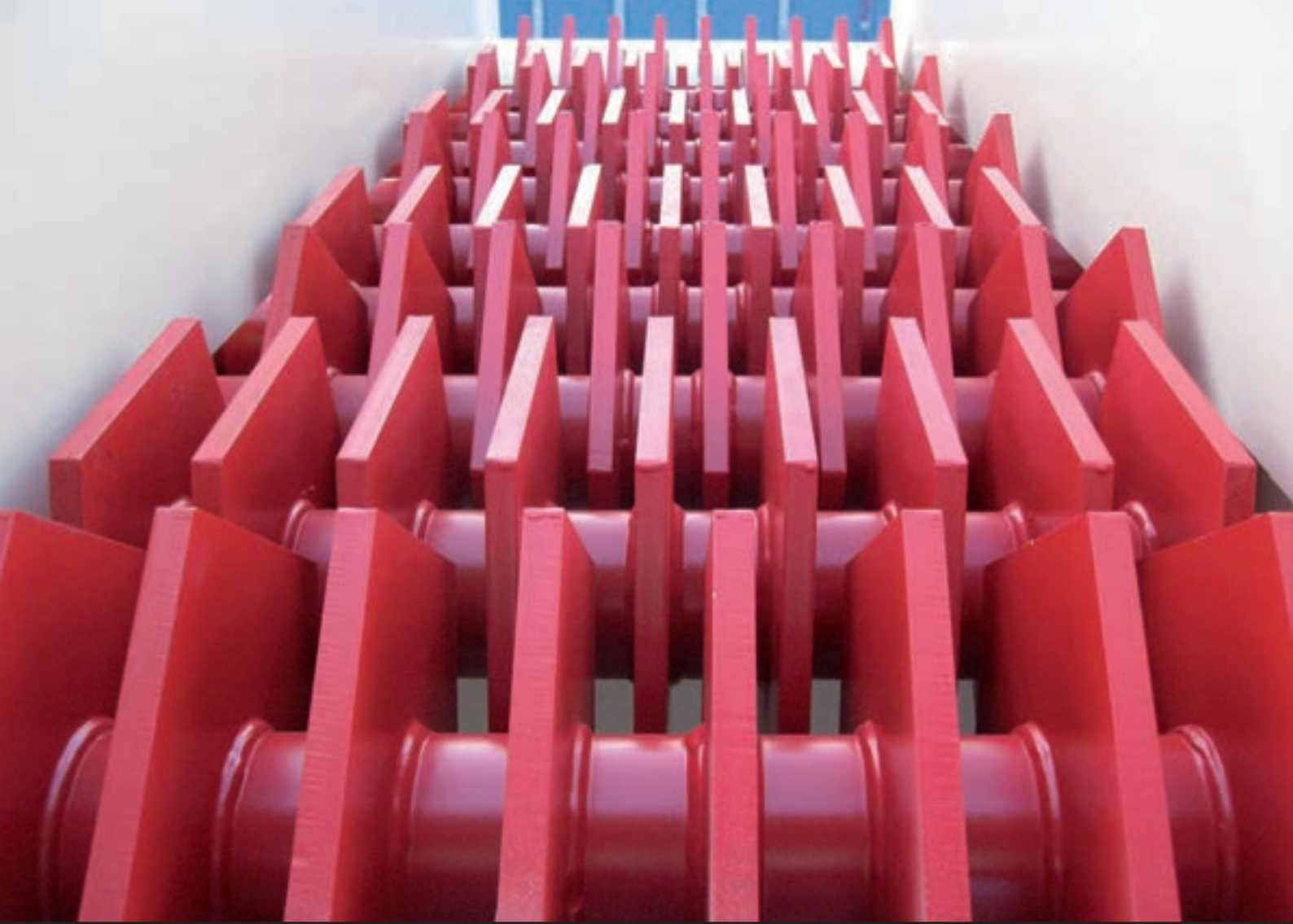
#### OVERALL DIMENSIONS mm

MODEL	A	B	C
<b>T6K.500/1000</b>	10000	7420	5000

MODEL	CAPACITY* LOGS BULK m <sup>3</sup> /h	INSTALLED POWER kW		WEIGHT APPROX. KG
		M1	M1.1	
<b>T6K.500/1000</b>	350++	11	0,07	26210

\*According to loading efficiency





## BARK REMOVERS FOR LOGS, SLABS & SAWMILL RESIDUES

**01.03.D / 06.02.E**

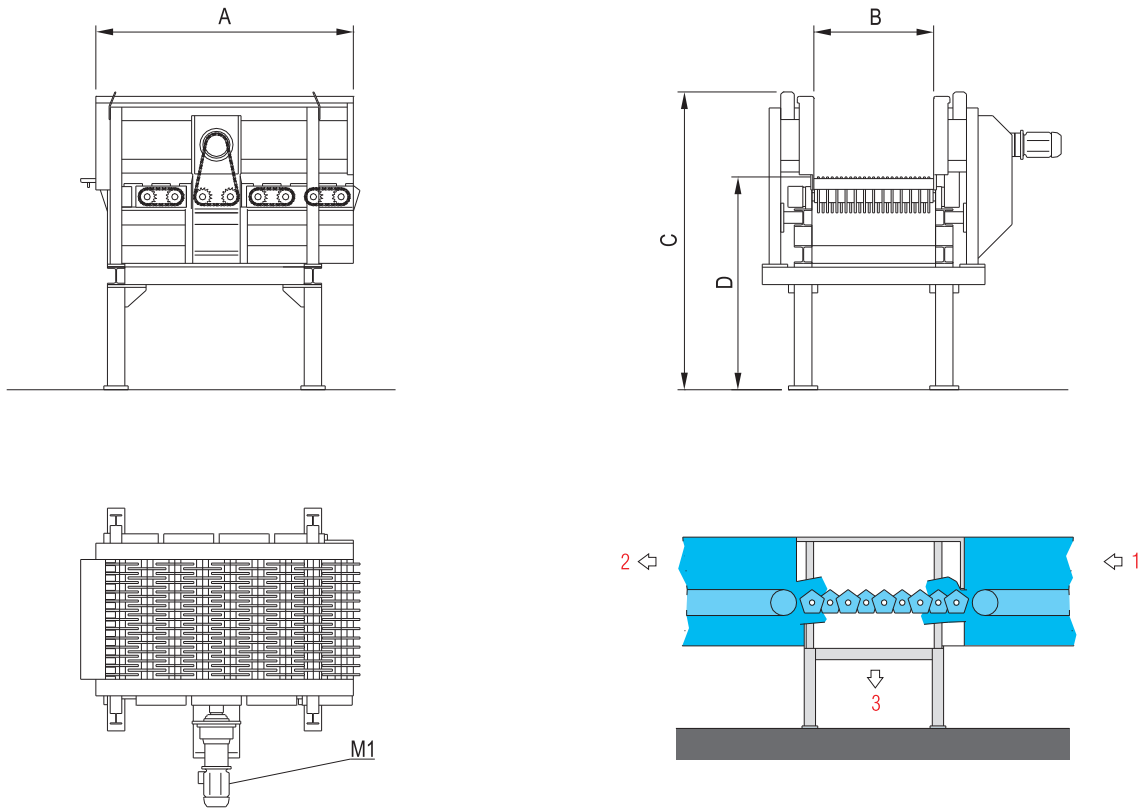
**DEBARKER - PENTADYN**

### **TECHNICAL FEATURES**

/ Screening bed of shafts with spaced, interconnected disks / Very strong screening disks with pentagonal section / Supports, bearings and transmission system / Working speed according to speed of chipping train / Possibility of inverting flow direction when needed / Side walls.

### **BENEFITS**

/ Possibility of feeding and fluidizing any type of wood logs / Excellent realignment of the material / Excellent removal of bark and heavy pollutants: better panels • low maintenance cost and long life of drum chipper knives / Working speed according to speed of chipping train / Minimized energy consumption / Low maintenance cost.



1 = FEEDING                      3 = BARK REMOVED  
 2 = DISCHARGE                M1 = MAIN MOTOR

Not binding data. We reserve the right of modification at any time without prior notice.

**01.03.D / 06.02.E**

**DEBARKER - PENTADYN**

**OVERALL DIMENSIONS mm**

MODEL	A	B*	C	D
<b>PD.860/2700</b>	2825	860	3025	2195
<b>PD.1000/2700</b>	2655	1000	3025	2195
<b>PD.1235/2700</b>	2655	1235	3025	2195
<b>PD.1450/2700</b>	2905	1450	3025	2195

\*Adjustable according to drum chipper working width

MODEL	CAPACITY** LOGS BULK m <sup>3</sup> /h	INSTALLED POWER kW		WEIGHT APPROX. KG
		M1		
<b>PD.860/2700</b>	250	5,5		6360
<b>PD.1000/2700</b>	300	7,5		6360
<b>PD.1235/2700</b>	400	7,5		7100
<b>PD.1450/2700</b>	500	7,5		8200



## FEEDERS FOR BULKY MATERIALS, LOGS, SLABS & SAWMILL RESIDUES

**01.03.E**

**VIBRATING FEEDERS – VF**

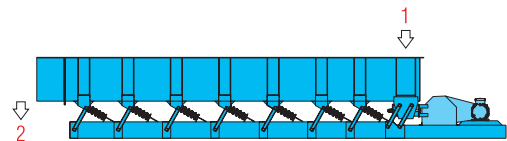
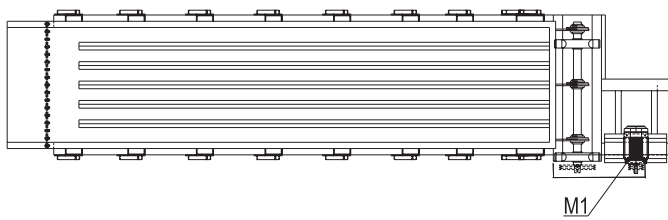
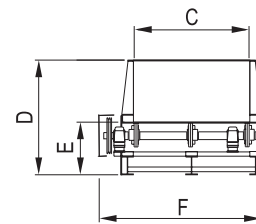
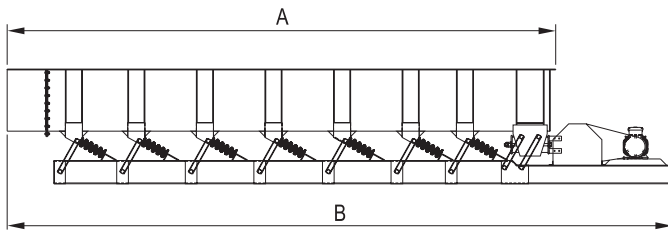
### **TECHNICAL FEATURES**

/ Vibrating table / Material containment walls / Available in adjustable rate designs.

### **BENEFITS**

/ High performance / Excellent feeding and fluidizing of any type of raw wood / Minimized energy consumption / Minimized labour cost / Low maintenance cost.





1= FEEDING  
2= DISCHARGE

M1 = MOTOR VIBRATOR

Not binding data. We reserve the right of modification at any time without prior notice.

### 01.03.E

### VF

VIBRATING FEEDERS FOR CRUSHING / CHIPPING LINE

MODEL	OVERALL DIMENSIONS mm***						CAPACITY**** BULK m <sup>3</sup> /h	INSTALLED POWER kW***	WEIGHT APPROX. KG
	A	B	C	D	E	F		M1	
VF./**	5000	***	800	***	***	***	200-500	15-25	***
	-		-						
	15000		4000						

### 02.03.N

### EVA

VIBRATING FEEDERS FOR SINGLE MACHINE

MODEL	OVERALL DIMENSIONS mm***						CAPACITY**** BULK m <sup>3</sup> /h	INSTALLED POWER kW***	WEIGHT APPROX. KG
	A	B	C	D	E	F		M1	
EVA.60/18	1800	1892	600	1300	763	1150	35	2 x 0,8	340
EVA.90/20	2055	2144	900	1297	715	1430	50	2 x 0,9	600
EVA.90/25	2500	2571	900	1347	639	1600	50	2 x 0,9	720
EVA.120/25	2500	2586	1200	1400	641	2000	100	2 x 1,3	900
EVA.140/25	2500	2586	1400	1400	643	1992	150	2 x 1,3	1820
EVA.150/30	3000	3100	1500	1420	576	2100	160	2 x 1,3	1000
EVA.180/30	3000	3032	1800	2854	1912	2400	200	2 x 2,5	2400
EVA.200/30	3000	3087	2000	2149	1206	2550	250	2 x 2,7	3300

\*Width \*\*Length \*\*\*Tailor-made according to customer needs \*\*\*\*According to loading efficiency



## FEEDERS FOR BULKY MATERIALS

### 02.03.J

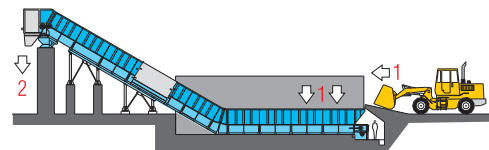
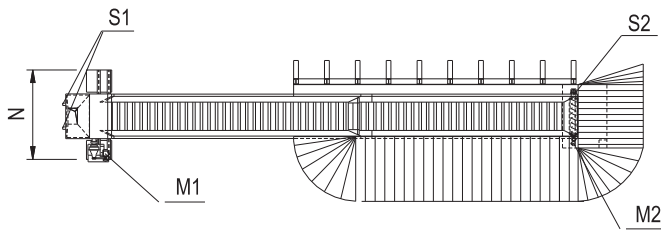
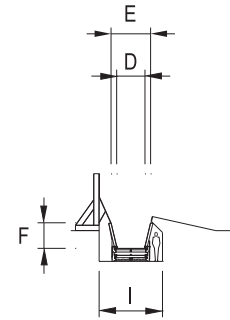
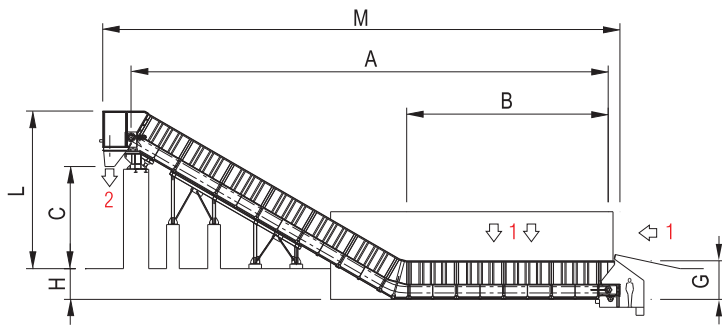
### **CHAIN-PLATE FEEDERS - TTK** FOR FRACTIONED MATERIAL

#### **TECHNICAL FEATURES**

/ Very strong double-roller chain feeder / Horizontal loading section connected with inclined lifting section / Moving bed equipped with transverse metal plates, overlapped and sealed by profiled shape / Front shaft fitted with direct transmission / Rear shaft fitted with chain tensioning devices / Self cleaning system with: closed bottom • rear reclaim screw conveyors • suction system or reclaim vertical screw conveyor / Automatic lubrication device for chains / Containment walls.

#### **BENEFITS**

/ Easy loading of fractioned material, wet or dry, such as fresh or recycled chips, sawdust, shavings, etc. / Very efficient feeding of screens, cleaners, refiners, etc. / Except for front loader, operators are required from time to time only / Working speed freely adjustable by using frequency converter / Automatic cleaning and lubrication / High performance.



1 = FEEDING  
2 = DISCHARGE

M1 = MAIN MOTOR  
M2 = REAR CLEANING SCREW

Not binding data. We reserve the right of modification at any time without prior notice.

## 02.03.J

## TKK.180

FOR FRACTIONED MATERIAL

### OVERALL DIMENSIONS mm

MODEL	A	B	C	D	E	F	G	H	I	L	M	N
<b>TKK.180/3200-LOW</b>	30560	16460	4950	1790	2510	1580	2450	1940	4000	8450	33280	5850
<b>TKK.180/3200-HIGH</b>	30160	13280	6450	1790	2510	1580	2450	1940	4000	9950	32690	5850

MODEL	FEEDING CAPACITY* BULK m <sup>3</sup> /h	STORAGE CAPACITY BULK m <sup>3</sup> /h		INSTALLED POWER kW		WEIGHT APPROX. KG
		CHIPS	SAWDUST	M1*	M2	
<b>TKK.180/3200-LOW</b>	200	80 -100	80 -100	11-15	2,2	50000
<b>TKK.180/3200-HIGH</b>	200	70 - 80	70 - 80	11-15	2,2	50000

\*According to feeding material

MODEL	AUXILIARY SUCTION S1			AIR SUCTION for PNEUMATIC CLEANING S2		
	SUCTION m <sup>3</sup> /h	AIR SPEED m/s	SUCTION PRESSURE Pa	SUCTION m <sup>3</sup> /h	AIR SPEED m/s	SUCTION PRESSURE Pa
<b>TKK.180/3200-LOW</b>	4000	29	200	2000	29	200
<b>TKK.180/3200-HIGH</b>						