

## **Chips discharge:**

### **HS chippers:**

High Speed chippers do not need any discharge conveyor, because chipper has enough power to blow chips out. That's why they use output pipe and in addition, it is possible to make a longer piping by using extra extension pipes. The blow can reach up to 5-6 m without problem. Also it is available a hydraulic kit for controlling of the chips output for mobile chippers. The hydraulic kit consists of pipe rotating, chips flap positioning and pipe bending for moving chipper on roads. In the smaller chippers this can be done manually.

### **LS chippers:**

Low Speed chippers need always a chips belt conveyor for removing chips. Chips conveyors are sold as options. There are available conveyors with different belt widths and elevation angles. Width of the belt depends on the productivity of the chipper. The discharge conveyors are possible to install so that it carries chips to either side or to the back of the chipper.

There are three different types of the tape conveyors: NormalGum Belt Conveyor (NGBC), ChevronGum Belt Conveyor (CGBC) and GummiBord Belt Conveyor (GBBC). The conveyors differ in belt pattern. Different patterns have different carrying capacity and that's why the conveyors have different climbing angles.

All conveyors have speed adjustment controlled by frequency modulator. The used material in all belts is resin resistant industrial rubber and they are very long-lasting in use.

## **Technical details:**

### **NGBC**

<b>NGBC (NormalGum Belt Conveyor)</b>	<b>600</b>	<b>800</b>	<b>1000</b>	<b>1200</b>
Climbing angle	15 <sup>0</sup>	15 <sup>0</sup>	15 <sup>0</sup>	15 <sup>0</sup>
Length (mm)	5800	5800	5800	5800
Width (mm)	800	1000	1200	1400
Height (mm)	400	400	400	400
Free transport width (mm)	500	700	900	1100
NordGear gearing, electric motor (kW)	2,2	2,2	2,2	2,2
Speed adjustment by frequency modulator	yes	yes	yes	yes

### **CGBC**

<b>CGBC (ChevronGum Belt Conveyor)</b>	<b>600</b>	<b>800</b>	<b>1000</b>	<b>1200</b>
Climbing angle	30 <sup>0</sup>	30 <sup>0</sup>	30 <sup>0</sup>	30 <sup>0</sup>
Length (mm)	5800	5800	5800	5800
Width (mm)	800	1000	1200	1400
Height (mm)	400	400	400	400
Free transport width (mm)	500	700	900	1100
NordGear gearing, electric motor (kW)	2,2	2,2	2,2	2,2

Speed adjustment by frequency modulator	yes	yes	yes	yes
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## **GBBC**

<b>GBBC (GummiBord Belt Conveyor)</b>	<b>600</b>	<b>800</b>	<b>1000</b>	<b>1200</b>
Climbing angle	45 <sup>0</sup>	45 <sup>0</sup>	45 <sup>0</sup>	45 <sup>0</sup>
Width (mm)	800	1000	1200	1400
Total length (mm)	6800	6800	6800	6800
Horizontal part (mm)	1800	1800	1800	1800
Discharge height (mm)	4000	4000	4000	4000
Discharge distance (mm)	4000	4000	4000	4000
Free transport width (mm)	380	580	780	980
Fitting body	yes	yes	yes	yes
NordGear gearing, electric motor (kW)	2,2	2,2	2,2	2,2
Speed adjustment by frequency modulator	yes	yes	yes	yes