



From wood to chips

HYDRAULIC FEED
CHIPPERS



Junkkari

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Reliability and a wide range of choices

Junkkari is one of the world's largest manufacturers of chippers, having manufactured more than 10,000 machines. The product range includes three sizes and the models 200 and 260 represent a new generation of technology.

Junkkari HJ 200 and HJ 260 multiple speed chippers

It is challenging for chippers to produce evenly sized chips from different kinds of materials. Junkkari meets the challenge by developing flexible and effective working power.

HJ 200 and HJ 260 chippers offer a choice of two operating speeds according to the application. The higher speed is used especially in producing chips for compost. Due to the speed, the blowing capacity is also increased which is useful for chipping brushwood, for example. The lower speed is used for chipping thicker wood.

Hydraulic feed

The hydraulic feeder offers a firm grip for chipping different materials. The feed roller takes the wood towards the cutting disc, where the blades cut the wood into chips one chip at a time. The chips are moved to the blower blades through the blade openings and blown out through the output chute.

The feeding speed can be adjusted by changing the speed of the hydraulic motor. The feed roller is equipped with sharp teeth for firm grip and stable movement. If necessary, the feed rollers can be stopped and the material can be removed.

The size of Junkkari chips can be adjusted as needed. The chips are evenly sized and safe to use even in demanding situations.



The model G uses the tractor's hydraulic system in feeding the wood. The feeder needs one pressure block and one return in order to function. The hydraulic system needs an output of 20 l/min and a pressure of min. 140 bar.

The GT is a model with additional equipment. It has a closed hydraulic system and it is powered by the tractor's PTO.

Carefully designed technology

The chippers are installed to the tractor's three-point linkage. They can be attached and detached easily and quickly.

The **No-Stress** speed guard will stop the feed if the revolution speed on the tractor output becomes too low. The low limit is chosen using a button in the protective cover of the chipper or by a remote control unit, depending on the model.

The feed opening of the chippers is set at 90 degrees to the rotary cutting disc.

The chippers are equipped with a heavy cutting disc, which guarantees an even rotation on varying loads. The chippers come with four blades.

The multi-speed chippers are suitable for shared use and contract operations.

Junkkari HJ 200 Mobile

This is an effective and mobile chipper that is mounted on a trailer. The mobile chipper is easy to use. The whole chipper unit and the output chute can be rotated 360 degrees. The chipper is powered with a self-contained diesel engine.

The trailer of the HJ 200 Mobile has been approved by authorities for transport by road and the diesel engine is mounted lengthways on the trailer. This makes the construction aerodynamic and suitable for road traffic.



HJ 200 Mobile



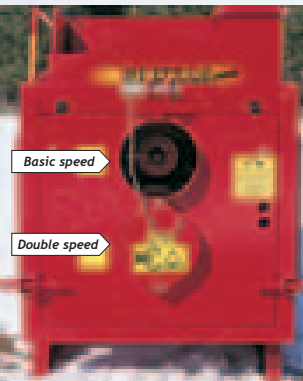
HJ 260

Two selectable chipping speeds - **Multispeed**.
Upper shaft = basic speed
540...1000 r/min; lower
shaft = double speed;
the cutting disc rotation
speed is doubled
(chipping for compost)

Precise, electric
adjusting of the output
chute (HJ 260 C)

Remote-controlled feed with
No-Stress speed guard (HJ 260 C)

The machine can be opened
making maintenance easier



HJ 200



TECHNICAL DATA

MODEL	HJ 200 G * GT	HJ 200 MOBILE	HJ 260 G * GT	HJ 260 C
Infeed chute area (cm = in)	19 x 19 = 7 1/2 x 7 1/2	19 x 19 = 7 1/2 x 7 1/2	26 x 26 = 10 1/4 x 10 1/4	26 x 26 = 10 1/4 x 10 1/4
Cutting disc dia (cm = in)	64 = 25 1/4	64 = 25 1/4	87 = 34 1/4	87 = 34 1/4
Cutting disc weight (kg = lbs)	100 = 222	100 = 222	170 = 378	170 = 378
No. of blades (ea.)	4	2	4	4
Cutting disc speed (r/min)	540...1000	1000	540...1000	540...1000
Chip length (mm = in)	3...15 = 1/8...2/3	3...15 = 1/8...2/3	3...18 = 1/8...3/4	3...18 = 1/8...3/4
Max. wood dia (cm = in)	19 = 7 1/2	17 = 6 3/5	25 = 9 7/8	25 = 9 7/8
Output (10 m ³ /h = cu.ft/h)	4...10 = 140...350	4...10 = 140...350	7...20 = 250...710	7...30 = 250...1060
Power requirement ^① (kW / hp)	20...50 / 27...70	-	30...75 / 40...100	30...75 / 40...100
Motor power (kW / hp)	-	31.3 / 42.5	-	-
Overall weight (kg = lbs)	560 * 580 = 1245 * 1290	1190 = 2245	740 * 770 = 1710 * 1780	770 = 1710
Overall length in working position (cm = in)	242 = 95 1/3	443 = 174 2/5	244 = 96 1/12	218 = 85 4/5
Overall length in transport position (cm = in)	174 = 68 1/2	367 = 144 1/2	176 = 69 1/3	218 = 85 4/5
Overall width in transport position (cm = in)	104 = 41	198 = 78	104 = 41	125 = 49 1/5
Overall height in transport position (cm = in)	236 = 92 9/10	277 = 109 1/10	295 = 116 1/7	295 = 116 1/7
EQUIPMENT				
No-Stress speed guard	option	standard	option	standard
Own, closed hydraulic system	option	standard	option	option
Loader feed equipment	-	-	option	standard
Output chute extension	-	-	option	option

^① Cutting blade adjustment, sharpness, chip length adjustment and diameter and type of wood to be cut have a significant influence on the power requirement during operation.

Junkkari chippers fulfil safety standards All specifications are subject to change © Junkkari Oy, 06/2003

Over 50 years of quality products for more productive agriculture

We have achieved our present level of high product quality through conscious product development and with an unconditional commitment to thinking in quality terms. Production development is just as important to Junkkari. For our customers this means competitive prices and readily available products.

Junkkari Oy is a part of MSK Group and is one of the largest manufacturers of agricultural and forest machinery in Finland. Junkkari is the first Finnish company in its field to be awarded the Quality Certificate ISO 9001. In addition to this our activities have spanned over 50 years which is a mark of a successful corporate strategy. For this we thank our customers who trust us and our workforce which has participated in building the company.

