



Wood Crushing Machine Type GL

*Nothing
cut smaller!*



The series GL is a development tailored to the requirements of the woodworking industries with respect to wood crushing machines for quick disposal of waste wood.

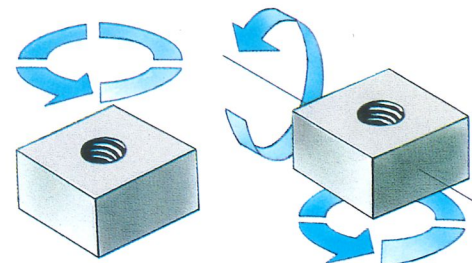
GROSS Wood Crushing Machines are suitable for processing any waste wood such as pallets, splinters, coated pressboards etc. to compact firewood chips. Even foreign matter such as metal clamps or nails present no problems for the rugged machine.

Mode of Operation:

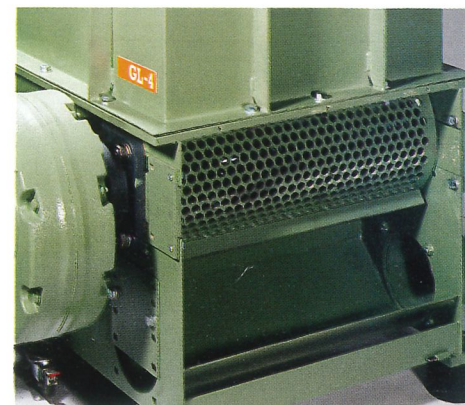
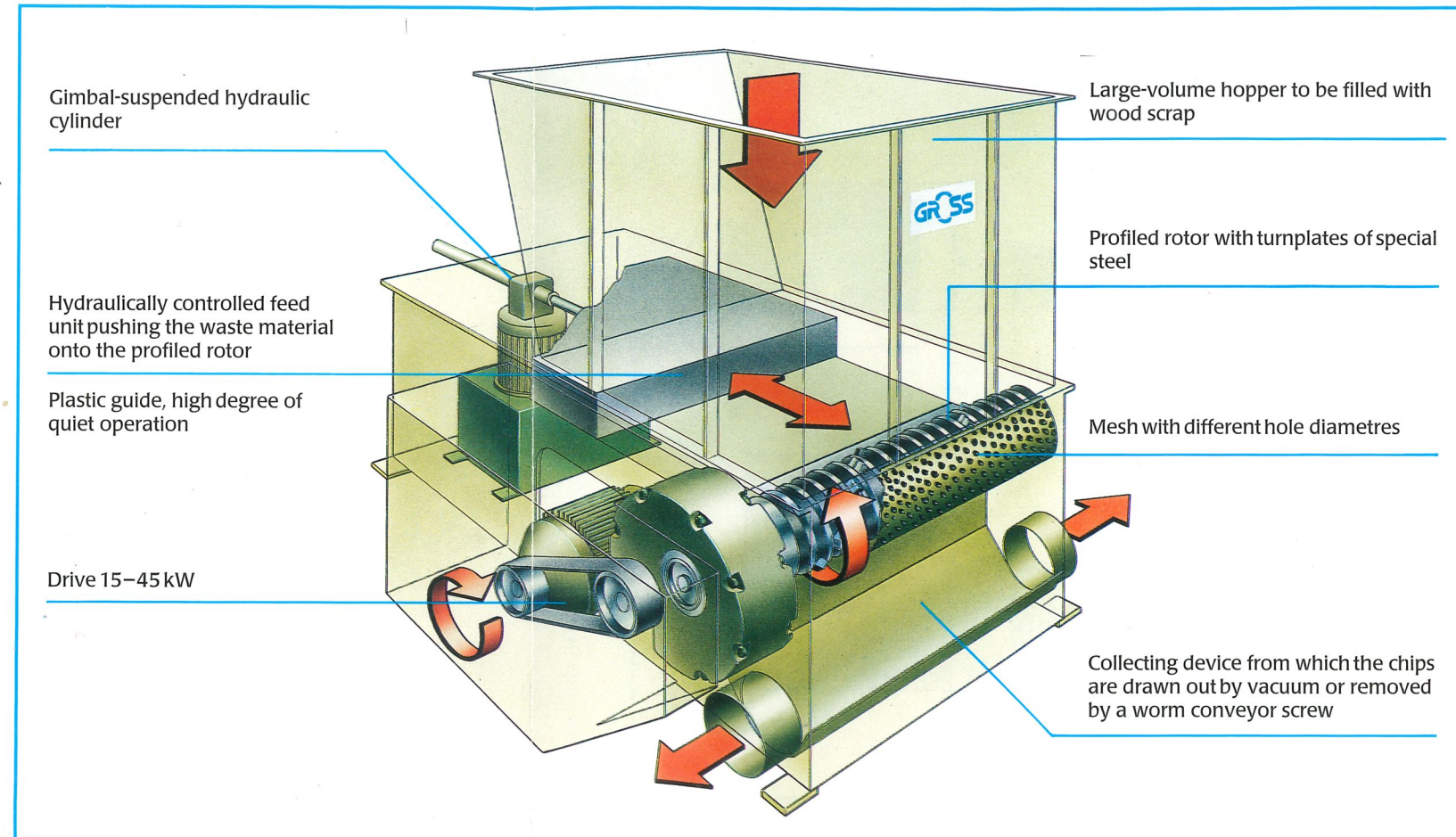
By dumping waste wood from a collecting container mechanically or by hand the hopper is filled with waste wood. The hydraulically controlled feed unit presses the filling material against the slowly moving profiled rotor. The gimbal-suspended hydraulic cylinder reduces the transverse forces on the piston sleeve and thus premature wear.

The consecutive crushing process uses turnplates of special steel and produces a very homogeneous chip product. The chip size depends on the hole diameter in the mesh. The chips fall into a collecting device and are evacuated via vacuum or worm conveyor screw.

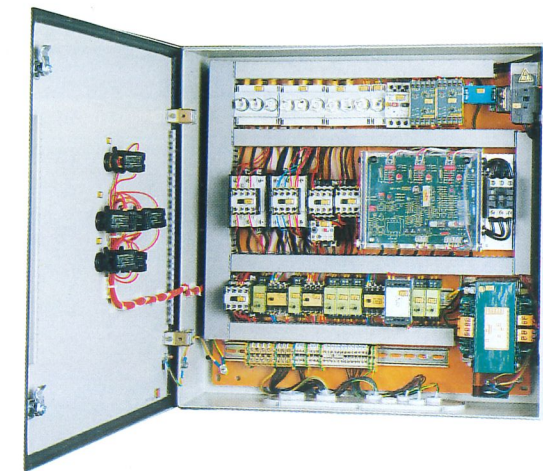
- **High Degree of Economy**
- **High profitableness**
- **Reasonable Price / Consideration Relation**
- **High Degree of Reliability**
- **Long Life**



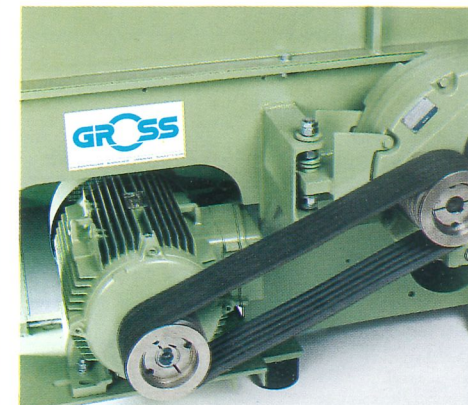
High economy owing to the turnplates turning up to eight times.



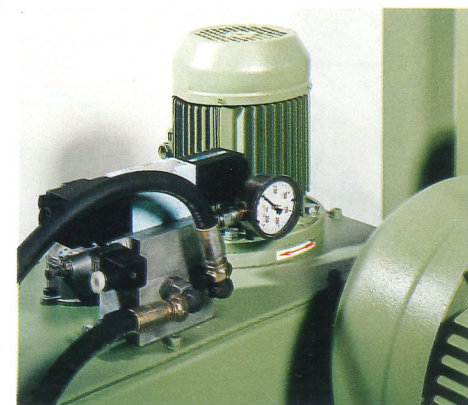
The mesh size determines the chip size



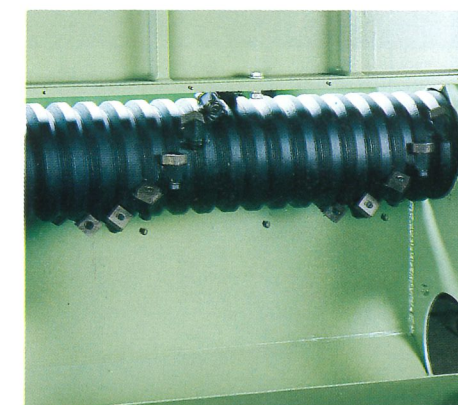
The control cabinet is delivered completely wired with 5 m long cable. Only the feed cable requires connection. This avoids faults in the electric installation. Alternatively, the control cabinet may be installed with star-delta or smooth-run control.



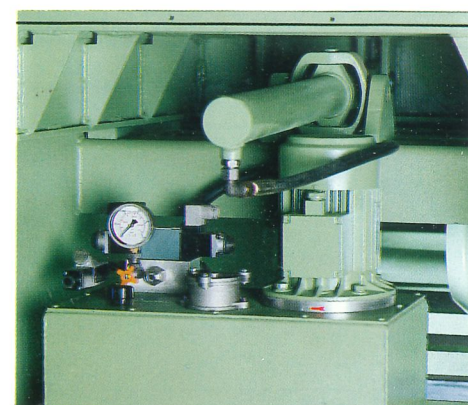
Depending on the required capacity the drives are available from 15 to 45 kW



The hydraulic slide is controlled by a top-mounted hydraulic unit



Profiled rotor with turnplates of special steel, turning up to 8 times.

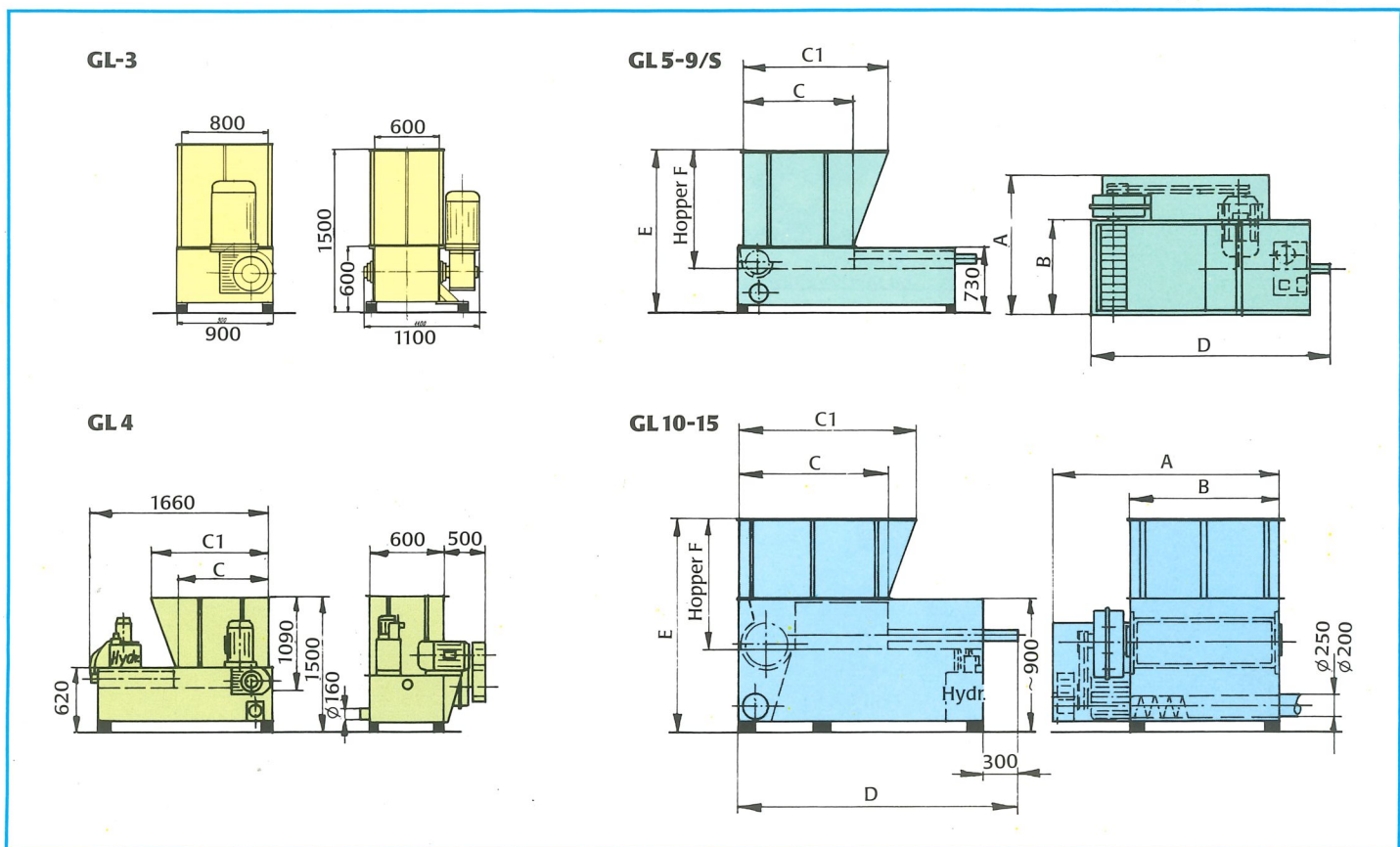


The gimbal-suspended hydraulic cylinder avoids transverse forces acting on the piston sleeves

Specifications:

Type	Feed Open. mm	Hopper Cap. m ³	Output/hour ¹⁾	Rotor- ϕ mm	Rotor Speed rpm	Required Power kW	Tool Qty	Mesh Size mm	Intake Stack dia. mm	Air Speed m/sec.	Weight kg
GL 3	600x800	0,45	1,3-2,6m ³	252	78	15	13	10/20	160	28	1000
GL 4	600x800	0,6	1,2-2,4m ³	252	90	15/18,5	13	10/20	160	28	1300
GL 5	800x1000	1,0	1,8-3,6m ³	252	90	15	19	10/20	200	28	1500
GL 6	800x1000	1,0	1,8-3,6m ³	252	90	18,5	19	10/20	200	28	1500
GL 7	1000x1000	1,3	2,4-4,8m ³	252	90	15	24	10/20	200	28	1600
GL 9	1000x1200	1,5	3,0-6,0m ³	252	90	18,5	24	10/20	200	28	1900
GL 9S	1000x1200	1,5	3,0-6,0m ³	368	90	18,5	24	10/20	200	28	2100
GL 10	1000x1200	1,5	3,0-6,0m ³	368	90	22/30/37	24	10/20	200	28	3000
GL 12	1200x1200	1,8	3,6-7,2m ³	368	90	30/37/45	29	10/20	200	28	3300
GL 14	1500x1200	2,25	4,5-9,0m ³	368	90	30/37/45	37	10/20	250	28	3800
GL 15	1500x1500	2,9	5,8-11,6m ³	368	90	37/45	37	10/20	250	28	4500

¹⁾ depending on material composition



Dimensions:

Typen	Dimension A mm	Dimension B mm	Dimension C mm	Dimension C1 mm	Dimension D mm	Dimension E mm	Dimension F mm
GL 3	400	900	1100	-	1500	600	600
GL 4	1100	600	800	1127	1660	1140	860
GL 5	1320	800	1000	1328	2100	1620	1090
GL 6	1320	800	1000	1328	2100	1620	1090
GL 7	1540	1000	1000	1328	2400	1850	1190
GL 9	1450	1000	1200	1527	2350	1750	1190
GL 9S	1700	1000	1200	1527	2300	1750	1060
GL 10	1700	1000	1200	1509	2500	1750	1060
GL 12	1900	1200	1200	1509	2500	1750	1060
GL 14	2200	1500	1200	1509	2750	1750	1060
GL 15	2200	1500	1500	1809	3000	2300	1685

Dealer: