

## SPECIAL MACHINES

### EQUIPMENT FOR SCRAP CUTTING

EQUIPMENT FOR SCRAP CUTTING		CNS 320 K	CNS 400 K
Charging chamber width	(mm)	1200	1600
Max. charging chamber height	(mm)	2060	2250
Charging chamber length	(mm)	2300	2480
Holder width	(mm)	1200	1600
Max. lift of the holder	(mm)	800	800
Max. lift of the tool slide	(mm)	800	800
Max. cutting capacity	(MN)	3,1	4,0
Max. force of the holder	(MN)	1,2	1,2
Oil working pressure	(MPa)	32	32
Nominal output of diesel engine	(kW)	74	74
Engine operating speed	(1/min)	2200	2200
Consumption of diesel oil per 1 tonne of scrap	(l)	2 ÷ 2,5	1,8 ÷ 2
Max. diameter cut	(mm)	95	110
Number of cuts	(1/min.)	3,5	1,8 ÷ 2,7
Output when cutting lengths 400 mm	(t/h)	4 ÷ 7	6 ÷ 9
Max. speed of the holder	(mm/s)	260	260



EQUIPMENT FOR SCRAP CUTTING		CNS 800-100-CV2	CNS 1100-100-CV2	CNS 1600-100-CV2
Cutting capacity	(kN)	8000	11000	16000
Holder force	(kN)	3000	3000	4000
Force of jaw cylinders	(kN)	2× 1700	2× 2200	2× 2200
Force of cover cylinders	(kN)	2× 1700	2× 2200	2× 2200
Force of pusher cylinders	(kN)	2000	2500	1200
Charging chamber length	(mm)	6000	8000	8000
Charging chamber width	(mm)	2000	2500	2500
Charging chamber height	(mm)	2000	2000	2000
Bale height	(mm)	700	700	900
Bale width	(mm)	900	900	900
Max. strength of material processed	(MPa)	440	440	440
Max. diameter cut	(mm)	170	200	240
Max. square cut	(mm)	150 × 150	180 × 180	210 × 210
Max. sheet metal cut	(mm)	100 × 900	120 × 900	140 × 900
Max. wall thickness of baled material	(mm)	6	6	6
Number of cuts	(1/min.)	4 ÷ 7	4,2 ÷ 6,9	3,2 ÷ 5,6
Installed power input of the main pumps	(kW)	4× 75	6× 75	6× 75
Shears output	(t/h)	24 ÷ 34	31 ÷ 44	23 ÷ 35