Technical data

Type SM 540NP-2560.22 E

1. Shear ref. C 540P:

Cutting force	5000	kN	(2 x 3250 kN)
Cutting width	800	mm	(cutter 900 mm)
Cutting height	620	mm	
Stamper	900	kN	
Number of cuts empty	4 – 5	min-1	
Central lubrication installation	included		

2. Box ref. SM 2560.22

Length	6000	mm
Width open	2500	mm
Width closed	780	mm
Height closed	600	mm
Number of cylinders left	2	piece
Number of cylinders right	2	piece
Lid force left	2000	kN
Lid force right	2000	kN
Pressure cylinder	1500	KN
Central lubrication installation	excluded	

3. Hydraulic installation

Drive motors main drive	2	piece
Power	2 x 55	kW
Main pumps LINDE	2	pieces
Working pressure	360	bar
Pilot control motor/pump	1	piece
Power	2.2	kW
Cooling circuit motor/pump	1	piece
Power	5,5	kW
Ventilator motor	1	piece
Power	1.1	kW
Oil filtration	25	my
Oil container	3000	l
Differential switching cutter cylinder	included	
Rapid relief cutter reverse motion	included	
Rapid relief pusher cylinder	included	

4. Electrical control

Microprocessor	SCHNEIDER TSX MICRO 37
Voltmeter	included
Ammeter	included
Limit switch position display	included
Valve operation display	included
Refusal to cut	included (with non-completed cut of the cutter in automatic operation the cutter moves upwards, the thruster cylinder pushes forward a few centimetres and the cutter again attempts the cut. This procedure is repeated until the cutter meets the lower limit switch. From now on the program again runs through in the set cutting length)
Cutting length setting	included (from 150 mm – approx. 2.0 m continuously)
Conversion manual/automatic	included
Briquetting	included (ejection manually)
HF remote control	Option

Control cabin 1500 x 1500 x 2000: included

5. Throughput capacity

Mixed scrap	8 – 11 t/h

6. Dimensions

Height	4.0	m
Width	3.5	m
Overall length	14.0	m
Overall weight	58	t