The Schnitt-Griffy

Cutting and clearing in one work step

Hydraulic hedge shears with extraction gripper



HS 760 SE with integrated swivel unit



HS 650 SE with integrated swivel unit



HS 650

The device can be used for a wide variety of applications: on the road, at forest waters, for landscaping, for landscape conservation, for Common Osiers (willow trees), on railways, for overland power lines, and much more.

The lumbers are embraced by two crossing knives. Once the tips of these knives are closed, the wood can no longer escape. The gripper holds the wood in place as a bundle even while the wood is being cut. The cut wood is then lifted from the retainer clamp, allowing it to be laid down at its intended destination.

When the Schnitt-Griffy is attached to a wheel or track excavator, the excavator's operator, protected from rain and frost, can process the wood in a convenient manner. An additional load-holding valve for the gripper is available as optional equipment.

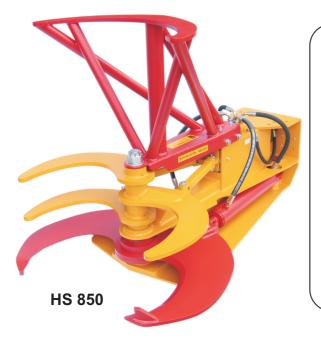








Cross section



The performance of the Schnitt Griffy depends on the machine on which it is mounted and on the conditions on site. Wheel and chain excavators have proven to be particularly well-suited for use with the Schnitt-Griffy.

The Schnitt-Griffy's hydraulic connection only requires a doubleaction controller including the corresponding lines connecting to the boom of the excavator. The control valve must be tight and be equipped to protect against pressure loss.

We developed a swivel unit designed for use with the shear types HS 850 and HS 750 S. The unit is used to expand your work area and, at the same time, helps improve security, as the unit allows you to access the cut wood more accurately. The swivel unit can easily be installed between the machine and the mounting console. This makes it possible to also mount the swivel unit onto older machines. The connection requires an additional, double-action control circuit.

Technical Specifications						
	HS 650 SE	HS 650	HS 760 SE	HS 760	HS 850	
Length in mm (approx.)	1,350	1,350	1,600	1,600	1,750	
Width in mm (approx.)	800	800	830	830	850	
Height in mm (approx.)	1,100	1,100	1,100	1,100	1,150	
Weight in kg (approx.)	315	270	400	365	475	
Cutting performance (alder) in mm (approx.)	200	200	230	230	280	
Cutting performance (oak) in mm (approx.)	160	160	180	180	210	
Opening width in mm (approx.)	550	550	670	670	660	
Oil flow Q in liters/min	60 – 100	60 – 100	60 – 100	60 – 100	80 – 100	
Oil pressure P in bar	200 – 220	200 – 220	250 – 270	250 – 270	270 – 300	
Recommended Excavator size in t	3 – 7	3 – 7	5 – 12	5 – 12	11 – 18	
Lifting performance in kg (approx.)	700	650	900	850	1,500	
Torque in Nm (approx.)	5,500		5,500			
Pivoting angle (approx.)	2 x 55°		2 x 55°			
Oil flow Q in liters/min	20 – 40		20 – 40		_	
Oil pressure P in bar	180 – 200		180 – 200			

Technical Specifications				
	SE 55.85 and 55.75			
Length in mm (approx.)	460			
Width in mm (approx.)	420			
Height in mm (approx.)	680			
Weight in kg (approx.)	130			
Max. lifting moment in Nm (approx.)	max. 10,000 650 kg wood weight			
Torque in Nm (approx.)	5,500			
Pivoting angle (approx.)	2 x 55°			
Oil flow Q in liters/min	20 – 40			
Oil pressure P in bar	180 – 200			





SE 55.85

Bolted mounting console





HANS HABBIG MASCHINENBAU

Ziegelhütte 1 D-36381 Schlüchtern Tel.: +49 6661 71347 Fax: +49 6661 5922 info@hans-habbig.com www.hans-habbig.com Distributor: