



NG18-27

STEEL SCRAP SHEAR SPECIFICATION

Minimum working weight, flange mounted *1	2130 kg	4700 lb
Weight	1950 kg	4300 lb
Length	2700 mm	106.30 in
Max. jaw opening	445 mm	17.52 in
Jaw depth	525 mm	20.67 in
Max. cutting force		1980 kN
Max. crushing force		750 kN
Operating pressure	320 - 350 bar	4640 - 5075 psi
Max. operating pressure	350 bar	5075 psi
Oil flow range	150 - 200 l/min	39.6 - 52.8 gal/min
Closing time at max oil flow	1.9 s	
Opening time at max oil flow	2.6 s	
No. of cycles per minute at max oil flow	13.5	
Max. diameter to be cut	65 mm	2.56 in
Rotation	360 °	
Max pressure for hydraulic rotation	150 bar	2175 psi
Oil flow for hydraulic rotation	30 l/min	7.9 gal/min
Pressure line connection (IN)	SAE 6000 psi 1"	
Return line connection (OUT)	SAE 6000 psi 1"	
Connections, rotation	1/2" GAS	
Optimum oil temperature	40 - 60 °C	104 - 140 °F
Allowed oil temperature range	-20 - 80 °C	-4 - 176 °F
Optimum oil viscosity at operating temperature	30 - 60 cSt	
Allowed viscosity range	20 - 1000 cSt	
Carrier weight, range *2	18 - 27 t	39700 - 59500 lb



*1 Includes average mounting bracket and standard wear parts

*2 Check carrier allowed attachment weight from carrier manufacturer. Check application requirements.

Specifications are subject to change without notice (Tuesday, October 6, 2020)