

ROTAR[®]



RSS-series



RSS

Rotar Scrap Shear

Enormous cutting power and rapid cycle times guarantee incredible productivity. The RSS series will cut tonnes of steel in the blink of an eye!



Replaceable cutting knives

The Rotar Scrap Shear is fitted with replaceable cutting knives and completely encased nose knives. The jaw's designs ensure that the materials are forced deep into the jaws, where the cutting power is greatest.

Headpiece and slewing ring

The RSS series has a strong rotating headpiece and an over-dimensioned, double-rowed slewing ring. The hydraulic engine and the gearbox in the headpiece create a high torque, allowing the scrap shear to be positioned in any desired way.



Specially developed hydraulic cylinder

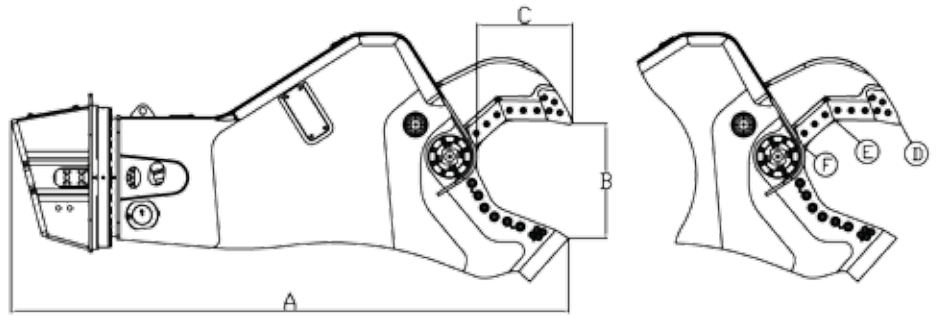
The hydraulic cylinder with integrated speed valve, developed by Rotar, allows the jaws to close quickly and the scrap shear will effortlessly switch from speed to power mode as soon as the job requires cutting power. The scrap shear's body has been assembled from high-grade and wear-resistant materials, making it extremely strong.

The double hose connection

The double hose connection on the swivel and large diameter of hoses, bores and pipes create optimal oil flow. This counters heat build-up in the hydraulic system, reducing the scrap shear's fuel consumption.



Specifications



Ingenious, reliable, service-friendly and maximal productivity. That is the power of Rotar!

Type RSS	20	30	40	50	100	150
Information						
Machine class (t) on boom	16	20	25	30	45	60
Machine class (t) on dipper	21	32	38	50	65	110
Weight (kg)*	2500	3590	4440	6180	8250	12500
Rotar Hole-pattern	140 - 150	200	200	200	200	250
Dimensions						
Dimension A (mm)	2657	3275	3635	3980	4835	5450
Dimension B (mm)	445	607	750	782	947	1095
Dimension C (mm)	416	544	625	701	903	997
Cuttingforce						
Tip ** (D) (t)	130	156	168	201	242	332
Apex ** (E) (t)	240	296	319	390	467	693
Throat ** (F) (t)	532	664	813	955	1338	1995
Open / Close						
Operating pressure (bar)	350	350	350	350	350	350
Oil volume (L/min)	240	450	450	450	750	960
Rotation						
Operating pressure (bar)	170	170	170	170	170	170
Oil volume (L/min)	50	50	50	50	50	50

* Weight exclusive adapterplate with bracket specifications may change without prior notice

** Cuttingforce measured at 350 bar

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