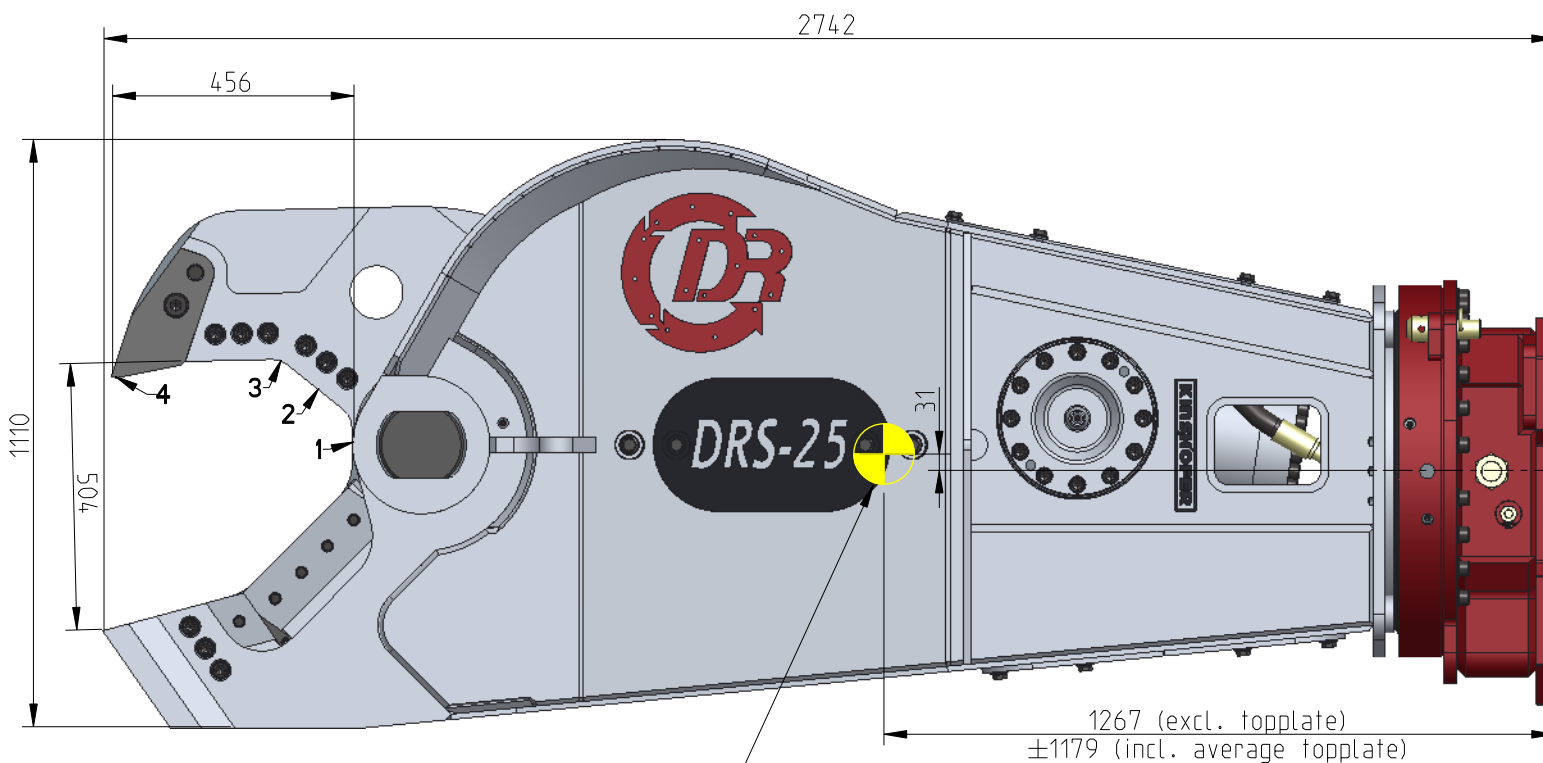
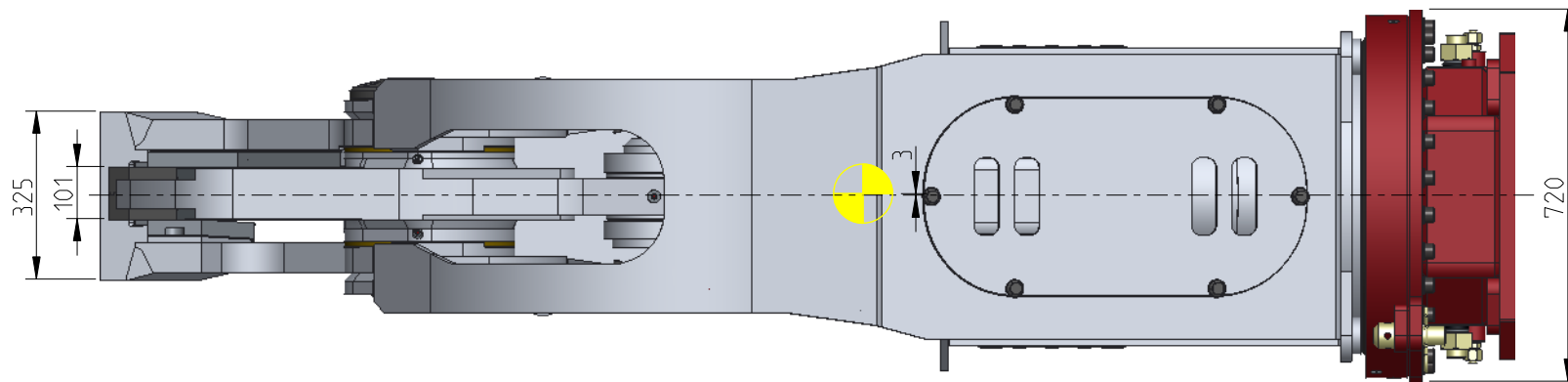




Centre of Gravity:
21.5 Kn (excl. topplate)
23.5 Kn (incl. average topplate)

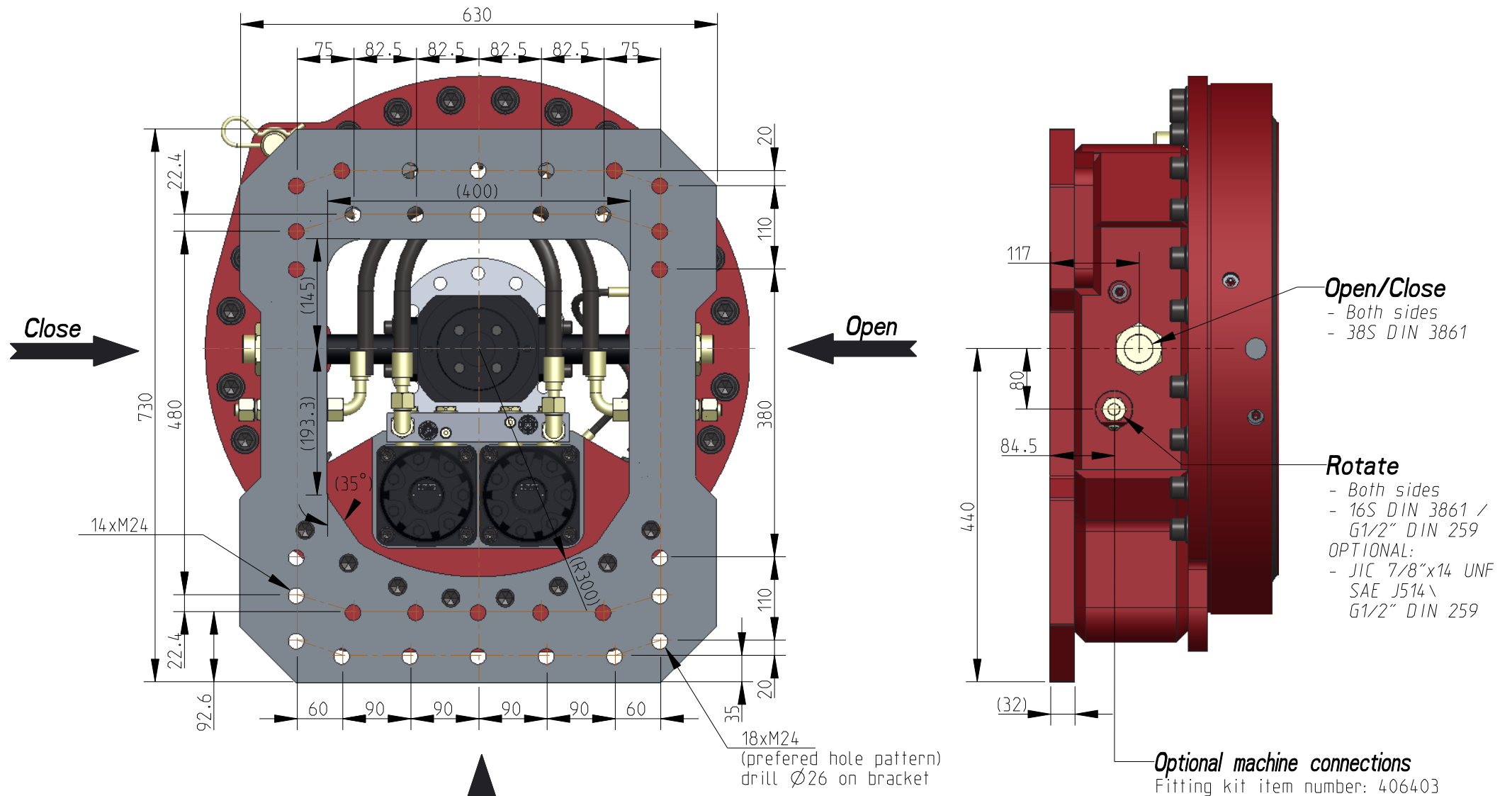
DRS-25-A specifications

Machine class stick-mounted	20-30 ton
Machine class boom-mounted	14-20 ton
Weight (excl. bracket plates)	2150 kg
Length	2742 mm
Height	1110 mm
Width	720 mm
Jaw opening	504 mm
Jaw depth	456 mm
Width lower jaw	325 mm
Width upper jaw	101 mm
Closing force at 120 mm	4975 KN
Closing force at 1	4592 KN
Closing force at 2	2715 KN
Closing force at 3	1927 KN
Closing force at 4	995 KN
Working pressure open/close	380 bar
Flow open/close	150-250 L/min
Working cycle open/close	2.4 / 2.3 sec
Hydr. connection open/close	38S DIN 3861
Working pressure rotate	140 bar
Flow rotate	60 L/min
Hydr. connection rotate	16S DIN 3861 / G1/2" DIN 259
OPTIONAL *	JIC 7/8"x14 UNF SAE J514 G1/2" DIN 259

Item numbers

DRS-25-A Shear	DRS025B250BAC5
Piercingblade set	407031
Shearblade set	406675
N.A. fitting kit (JIC) *	406403
Dealer kit (recommended spare parts)	406776

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 Demolition and Recycling Equipment BV		designer	partname		
		Ruud de Gier	Scrap & Demolition shear		
		date	specification		
		19-05-2017	DRS-25-A		
		weight [kg]	sheet	partnumber	revision
		1/3	DRS25-A-SPECS	-	-



CAUTION

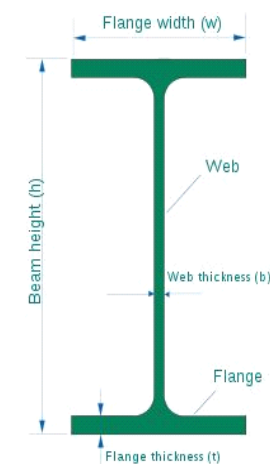
- Topplate needs to be mounted with 14 bolts minimum.
- All openings in topplate, such as bolt holes, service cut-out, needs to be closed to prevent dirt coming into the rotation gear.

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	designer	Ruud de Gier		partname		Scrap & Demolition shear	
	date	19-05-2017		specification		DRS-25-A	
	units	format	scale	weight [kg]	sheet	partnumber	revision
	MM	A3			2/3	DRS25-A-SPECS	-

Cutting Steel Profiles: Maximum Allowable Size

		DRS-25	DRS-30	DRS-45	DRS-60	DRS-75	DRS-90
H-Beam Europe	Light	HEA 280	HEA 340	HEA 400	HEA 500	HEA 600	HEA 700
	Normal	HEB 200	HEB 260	HEB 300	HEB 360	HEB 400	HEB 450
	Heavy	HEM 100	HEM 140	HEM 160	HEM 180	HEM 200	HEM 220
H-Beam** North America	Light	10"/ 15 in ²	13"/ 21 in ²	16"/ 26 in ²	20"/ 32 in ²	24"/ 35 in ²	27"/ 40 in ²
	Normal	8"/ 12,5 in ²	10"/ 18 in ²	12"/ 23 in ²	14"/ 28 in ²	16"/ 30 in ²	18"/ 34 in ²
	Heavy	4"/ 7 in ²	5"/ 11 in ²	6"/ 14 in ²	7"/ 18 in ²	8"/ 20 in ²	9"/ 22 in ²
I-Beam Europe	Light	IPE 450	IPE 500	IPE 600	IPE 700	IPE 800	IPE 900
	Normal	INP 320	INP 400	INP 450	INP 500	INP 550	INP 600
I-Beam** No.America	Light	17"/ 15 in ²	20"/ 21 in ²	24"/ 26 in ²	27"/ 32 in ²	30"/ 35 in ²	35"/ 40 in ²
	Normal	12,5"/ 12,5 in ²	15"/ 18 in ²	18"/ 23 in ²	20"/ 28 in ²	22"/ 30 in ²	24"/ 34 in ²
L-Angle		200x200x15 mm	250x250x20 mm	250x250x25 mm	300x300x25 mm	300x300x30 mm	350x350x30 mm
h x w x thickness		8x8x0.6"	10x10x0.8"	10x10x1.0"	12x12x1.0"	12x12x1.8"	14x14x1.18"
Solid round		Ø75 mm	Ø90 mm	Ø100 mm	Ø115 mm	Ø130 mm	Ø150 mm
		Ø3.0"	Ø3.5"	Ø4.0"	Ø4.5"	Ø5.0"	Ø5.0"
Solid square		65 mm	80 mm	90 mm	100 mm	120 mm	135 mm
		2.5"	3.0"	3.5"	4.0"	4.75"	6.0"
Plate thickness		15 mm	20 mm	25 mm	25 mm	30 mm	35 mm
		0.60"	0.825"	1.0"	1.0"	1.2"	1.4"
Pipe		Ø254 x 9 mm	Ø304 x 10 mm	Ø406 x 10 mm	Ø457 x 10 mm	Ø559 x 10 mm	Ø609 x 10 mm
Ø x wall thickness		Ø10 x 0.350"	Ø12 x 0.375"	Ø16 x 0.375"	Ø18 x 0.375"	Ø22 x 0.375"	Ø24 x 0.375"

**Note: beam profile size is indicated as: beam height / cross section area



This chart gives an indication of the cutting capacity of the DRS shears based on the assumption of a working pressure of 350 Bar (5000 PSI), normal steel profiles with a maximum tensile strength of 370 N/mm², and a good condition of the blades. The DRS-shear is able to cut larger size profiles in two steps as long as the web thickness does not exceed the maximum thickness indicated in the table for plate thickness.

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 Demolition and Recycling Equipment BV				designer Ruud de Gier		partname Scrap & Demolition shear			
				date 19-05-2017		specification DRS-25-A			
		units MM	format A2	scale	weight (kg)	sheet 3/3	partnumber DRS25-A-SPECS	revision -	