

Centre of Gravity:
 26.5 Kn (excl. topplate)
 28.5 Kn (incl. average topplate)

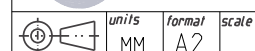
RC-30 specifications

Machine class stick-mounted	22-35 ton
Machine class boom-mounted	
Weight (excl. topplate)	2650 kg
Length	2334 mm
Height	932 mm
Width	720 mm
Jaw opening	224 mm
Jaw depth	190 mm
Width lower jaw	460 mm
Width upper jaw	180 mm
Closing force at 1	4445 KN
Closing force at 2	3135 KN
Closing force at 3	2415 KN
Working pressure open/close	320 bar
Flow open/close	150-250 L/min
Working cycle open/close	2.0/ 2.3 sec
Hydr. connection open/close	30S DIN 3861 / G1" DIN 259
OPTIONAL * Hydr. connection open/close	JIC 1-5/8"x12 UNF SAE J514 G1" DIN 259
Working pressure rotate	140 bar
Flow rotate	40-60 L/min
Hydr. connection rotate	16S DIN 3861 / G1/2" DIN 259
OPTIONAL * Hydr. connection rotation	JIC 7/8"x14 UNF SAE J514 G1/2" DIN 259

Part numbers

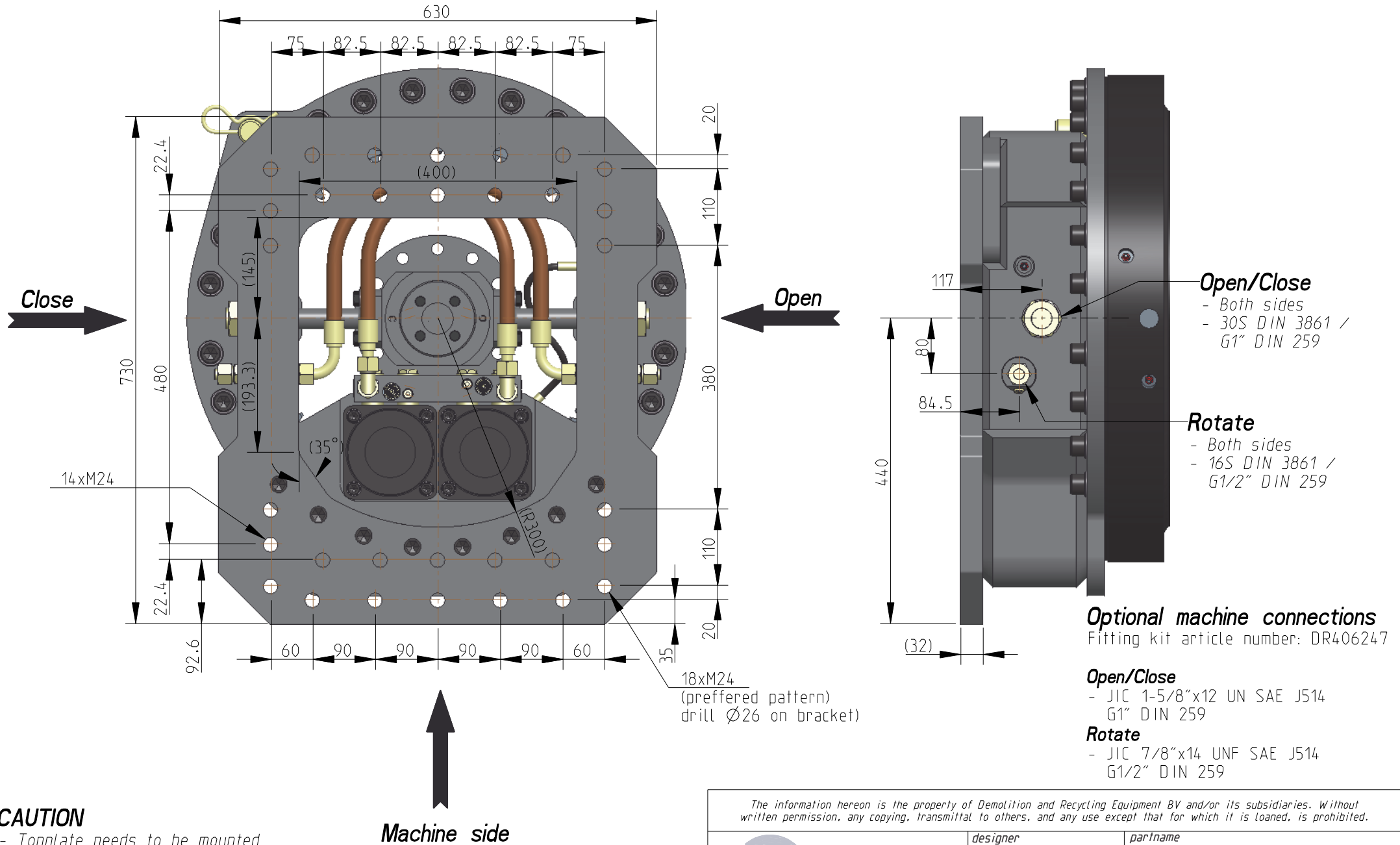
RC-30 Shear	RC030A257BAC3
Cutting blade set	DR404964
N.A. fitting kit (JIC) *	DR406247

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designer Ruud de Gier	partname Railcutter
date 25-04-2014	specification RC-30 specification
units MM	format A2
scale 1:1	weight (kg) 1/3
sheet 1/3	partnumber RC30-SPECS
	revision



Standard machine connections



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.

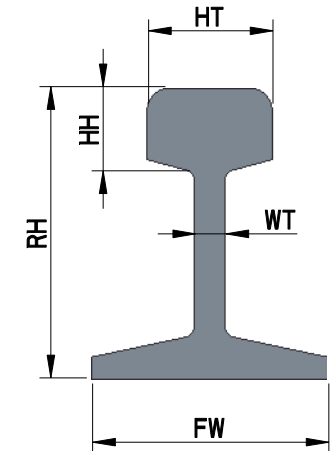
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 Demolition and Recycling Equipment BV	designer	Ruud de Gier	partname	Rotatable Railcutter GP	
	date	25-04-2014	specification	RC-30	
	units	MM	format	A3	scale
weight (kg)	sheet	2/3	partnumber	RC30-SPECS	revision
					--



Train rails according to Din EN 13674-41 , Din EN 13674-4, AMREA

Working pressure 320 bar

New name	Old name	RH[mm]	FW[mm]	HT[mm]	HH[mm]	WT[mm]	Mass[kg/m]	Steelgrade/hardness[HB]		
								R200-R260	R320-R350	R370-R400
								200-300HB	300-390HB	>390HB
30E1	S30	108	108	60,3	24	12,3	30	✓	✓	X
33E1	S33	134	105	68	31,75	11	33,4	✓	✓	X
39E1	BS 80A	138	125	67	43	12	39,77	✓	✓	X
40E1	S41 R14	138	125	67	31,8	12	41	✓	✓	X
41E1	S41 R10	138	125	67	31,8	12	41,4	✓	✓	X
45E3	RN 45	142	130	66	40,5	15	44,79	✓	✓	X
45E1	BS 90A	142,88	127	66,67	46,04	13,89	45,11	✓	✓	X
90ARA-A	TR45	142,9	130,2	65	37,3	14,3	44,65	✓	✓	X
100ARA-B	-	143,3	130,6	67,5	43,3	14,3	49,64	✓	✓	X
46E2	U 33	145	134	62	47	15	46,27	✓	✓	X
49E1	S49	149	125	67	51,5	14	49,39	✓	✓	X
49E5	-	149	125	67	51,5	14	49,13	✓	✓	X
50E4	UIC 50	152	125	72,5	49,4	15	50,16	✓	✓	X
100RE	-	152,4	136,5	68,3	42,1	14,3	50,35	✓	✓	X
50E6	U 50	153	140	65	49	15,5	50,9	✓	✓	X
54E3	S54	154	125	67	55	16	54,57	✓	✓	X
54E4	-	154	125	67	55	16	54,31	✓	✓	X
54E1	UIC 54	159	140	70	49,4	16	54,77	✓	✓	X
54E2	UIC 54E	161	125	67	51,4	16	53,82	✓	✓	X
115RE	TR57	168,27	139,7	69,05	42,86	15,87	56,97	✓	✓	X
60E1	UIC 60	172	150	72	51	16,5	60,21	✓	X	X
60E2	-	172	150	72	51	16,5	60,03	✓	X	X
119RE	-	173,1	139,7	67,5	47,6	15,9	58,93	✓	✓	X
132RE	-	180,9	152,4	76,2	44,5	16,7	65,58	✓	✓	X
136RE	TR68	185,7	152,4	74,6	49,2	17,5	67,5	✓	X	X
141RE	-	188,9	152,4	77,8	54,8	17,5	69,88	✓	X	X



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 Demolition and Recycling Equipment BV	designer	partname					
	Ruud de Gier	Rotatable Railcutter GP					
	date	specification					
	25-04-2014	RC-30					
	units	format	scale	weight (kg)	sheet	partnumber	revision
MM	A2	7:50	2630.2	3/3	RC30-SPECS	--	