

DRG Rotational Sorting Grapples

for carriers from 10 to 50 metric tons



New Muscle Mate grapples feature heavy-duty steel box frames for tough demolition and sorting jobs, with power rotation for ease of operation.

- “Delta” box frame with thick steel end stops, wide pivot points using oversize pins and bearings. Pivot points sealed to keep debris out, lubrication in.
- Heavy-duty rotation motor standard; twin motors standard on larger models. Second rotational motor optional on lighter models for special applications. All rotation circuits fitted with filters.
- Single, large-diameter cylinder for extra-powerful closing and low reactive force at the hinge.
- Cylinder-end damping.
- HB500 steel side plates.
- Interchangeable, reversible, bolt-on HB500 steel wear blades can be turned 3 times.
- Perforated and solid-shell models available; perforated shells provide extra torsion strength, fewer jams, better operator visibility.
- Load safety valve on open/close circuit standard on all models; prevents unsafe handling situations, oil overheating and loss of cycle speed.
- Easy grease access; simple hydraulic system.
- Simple, bolt-on mounting bracket.

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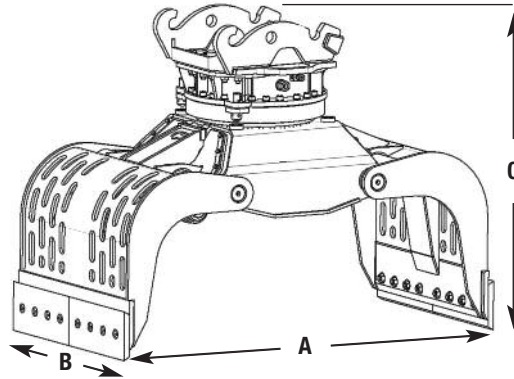
For dimensions and specifications, see the back of this page.



MuscleMate Rotational Grapples

A Tramac Corporation brand

Specifications and Dimensions



Model *		DRG-14 DN/DS*	DRG-15 DN/DS	DRG-17 DN/DS	DRG-19 DN/DS	DRG-22 DN/DS	DRG-28 DN/DS	DRG-36 DN/DS	DRG-45 DN/DS
Weight**	lb	1885/1940	1973/2028	2535/2590	2711/2778	3164/3263	4233/4343	5027/5203	5732/6173
	kg	855/880	895/920	1150/1175	1230/1260	1435/1480	1920/1970	2280/2360	2600/2800
Recommended Carrier Weight***	US tons	11-16.5	13-17.6	13-21	14-22	16.5-26.5	22-35.3	27.5-44	38.5-55
	metric tons	10-15	12-16	12-19	13-20	15-24	20-32	25-40	35-50
Capacity	gal	90	110	96	122	151	198	254	284
	kg	340	415	365	460	570	750	960	1075
Closing Force	lbs	9675	9675	11,250	10,800	12,600	15,750	18,000	18,000
	kN	43	43	50	48	56	70	80	80
Opening A	in	68	68	68	73	77	86	92	92
	mm	1730	1730	1724	1864	1967	2193	2325	2325
Width B	in	30	35	33	39	39	43	49	55
	mm	750	900	850	1000	1000	1100	1250	1400
Height C	in	48	48	53	54	57	60	64	68
	mm	1217	1217	1344	1377	1458	1536	1629	1733
Opening/closing Pmax	psi	5076	5076	5076	5076	5076	5076	5076	5076
	bar	350	350	350	350	350	350	350	350
Flow	gal/min	21	21	26	26	26	32	32	32
	l/min	80	80	100	100	100	120	120	120
Rotation Pmax	psi	2466	2466	2466	2466	2466	2466	2466	2466
	bar	170	170	170	170	170	170	170	170
Flow	gal/min	10.5	10.5	10.5	10.5	10.5-16	10.5-16	10.5-16	10.5-16
	l/min	40	40	40	40	40-60	40-60	40-60	40-60

*DN models-perforated shells; DS models-closed shells **weight including standard bracket ***depending on carrier lifting capacity

TRAMAC CORPORATION reserves the right to change or discontinue models and/or specifications without prior notice.

Quality and dependability: two features you can count on with every MUSCLE MATE product.

All MUSCLE MATE products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products. *They know that with MUSCLE MATE, reliability is crucial; a basic component conscientiously built into every unit that bears our name.*



Muscle Mate is a Tramac Corporation brand.

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