

HARSH HOTLINE

IF YOU CANNOT FIND THE EXACT SPECIFICATIONS TO MATCH YOUR APPLICATION, CALL 800-227-1702.

EMAIL: harsh@harshenviro.com
WEB: www.harshenviro.com

THE BEST TIPPING GEAR EVER,
MADE EVEN BETTER

To back up the best warranty in the industry, our RL-G75 Hoist underwent simulated stress and buckling analysis using state of the art Finite Element Analysis (FEA). Box lengths up to 20 ft. were tested dumping at a 5 degree lateral inclination to ensure that our hoist could withstand the most extreme conditions.

Many years of customer use and testing in the field is positive proof of the excellence and durability of the HARSH Rigid Lift Tipping Gear.

- 7 year limited warranty*
- World wide recognition
- Industry leader for over 50 years
- Built and tested to last longer
- Featuring dynamic stability
- Minimal weight
- High polished hard chrome cylinders
- Fast tipping cycle
- 3300 PSI operating pressure (228 bar)
- Ease of maintenance
- Classified for both dump body (NTEA Class 70) and conversion hoist (NTEA Class G) use.



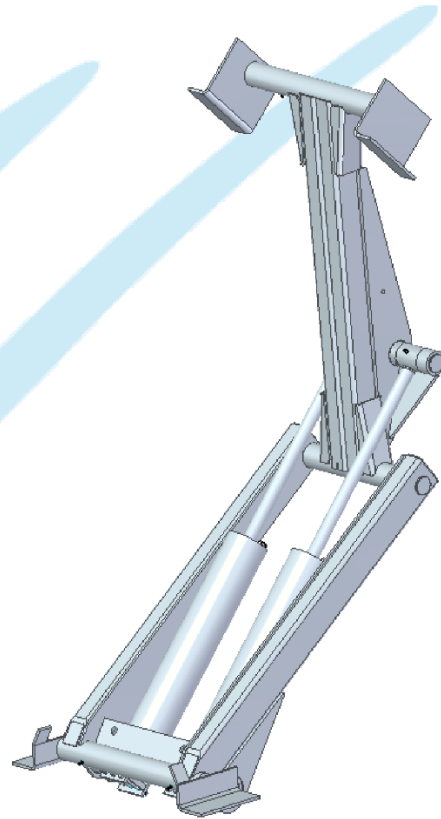
HARSH
Tipping Gear



RL-G75

DOUBLE ACTING

*The First . . .
. . . And Still the Best*



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G75 Conversion Hoist Capacity (Tons)

				DUMP ANGLE	40 DEG	45 DEG	50 DEG	55 DEG
				MOUNTING LENGTH	123"	110"	99"	91"
BOX LENGTH (FEET)	CAB TO AXLE (INCHES)	CAB TO TRUNNION (INCHES)	OVERHANG (INCHES)					
12	102	90	12		27.4	24.5	22.2	20.3
	96	84	18		30.4	27.2	24.6	22.6
	90	78	24		34.2	30.6	27.7	25.4
	84	72	30		39.1	35	31.7	29
	78	66	36		45.6	40.8	37	33.9
13.5	120	108	12		23.8	21.3	19.3	17.7
	114	102	18		26.1	23.3	21.1	19.4
	108	96	24		28.8	25.8	23.4	21.4
	102	90	30		32.2	28.8	26.1	23.9
	96	84	36		36.5	32.6	29.6	27.1
14	126	114	12		22.8	20.4	18.5	16.9
	120	108	18		24.9	22.3	20.2	18.5
	114	102	24		27.4	24.5	22.2	20.3
	108	96	30		30.4	27.2	24.6	22.6
	102	90	36		34.2	30.6	27.7	25.4
15	138	126	12		21.1	18.8	17.1	15.6
	132	120	18		22.8	20.4	18.5	16.9
	126	114	24		24.9	22.3	20.2	18.5
	120	108	30		27.4	24.5	22.2	20.3
	114	102	36		30.4	27.2	24.6	22.6
16	150	138	12		19.6	17.5	15.8	14.5
	144	132	18		21.1	18.8	17.1	15.6
	138	126	24		22.8	20.4	18.5	16.9
	132	120	30		24.9	22.3	20.2	18.5
	126	114	36		27.4	24.5	22.2	20.3
18	174	162	12		17.1	15.3	13.9	12.7
	168	156	18		18.3	16.3	14.8	13.5
	162	150	24		19.6	17.5	15.8	14.5
	156	144	30		21.1	18.8	17.1	15.6
	150	138	36		22.8	20.4	18.5	16.9
20	198	186	12		15.2	13.6	12.3	11.3
	192	180	18		16.1	14.4	13	12
	186	174	24		17.1	15.3	13.9	12.7
	180	168	30		18.3	16.3	14.8	13.5
	174	162	36		19.6	17.5	15.8	14.5

G75 Dump Body Hoist Capacity (Tons)

				DUMP ANGLE	40 DEG	45 DEG	50 DEG	55 DEG
				MOUNTING LENGTH	123"	110"	99"	91"
BOX LENGTH (FEET)	CAB TO AXLE (INCHES)	CAB TO TRUNNION (INCHES)	OVERHANG (INCHES)					
10	90	78	0		27.4	24.5	22.2	20.3
	84	72	6		30.4	27.2	24.6	22.6
	78	66	12		34.2	30.6	27.7	25.4
11	102	90	0		24.9	22.3	20.2	18.5
	96	84	6		27.4	24.5	22.2	20.3
	90	78	12		30.4	27.2	24.6	22.6
12	114	102	0		22.8	20.4	18.5	16.9
	108	96	6		24.9	22.3	20.2	18.5
	102	90	12		27.4	24.5	22.2	20.3
13	126	114	0		21.1	18.8	17.1	15.6
	120	108	6		22.8	20.4	18.5	16.9
	114	102	12		24.9	22.3	20.2	18.5
14	138	126	0		19.6	17.5	15.8	14.5
	132	120	6		21.1	18.8	17.1	15.6
	126	114	12		22.8	20.4	18.5	16.9
14.5	144	132	0		18.9	16.9	15.3	14
	138	126	6		20.3	18.1	16.4	15.1
	132	120	12		21.9	19.6	17.7	16.3
15	150	138	0		18.3	16.3	14.8	13.5
	144	132	6		19.6	17.5	15.8	14.5
	138	126	12		21.1	18.8	17.1	15.6

NOTE: CAPACITY IN TONS AT 3300 PSI (228 BAR)

(1) Overhang based on 32" from center line of tail hinge pin to center line of truck axle on single axle trucks, and 44" from center line of tail hinge pin to center line of trunnion on tandem axle trucks, with 2" clearance between cab and box.

(2) These capacities are for the body and payload together with an evenly distributed, non-diminishing, solid load for the full dump cycle. The center of gravity of the load is assumed to be at the center of the body.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

RL - G75

DOUBLE ACTING

2x 5" I.D. Cylinders

1 3/4" Rod Diameter

26 5/8" Stroke

