

ShinMaywa

TIPPING SYSTEMS

UNDER-BODY TYPE (KRM & KR) series

ShinMaywa is known
worldwide as the original
manufacturer of “TENTSUKI”
dump hoist.



High Performance & High Durability Maximize Your Benefit.

ShinMaywa is a leading manufacturer of special-purpose trucks in Japan.

TENTSUKI type (KRM)

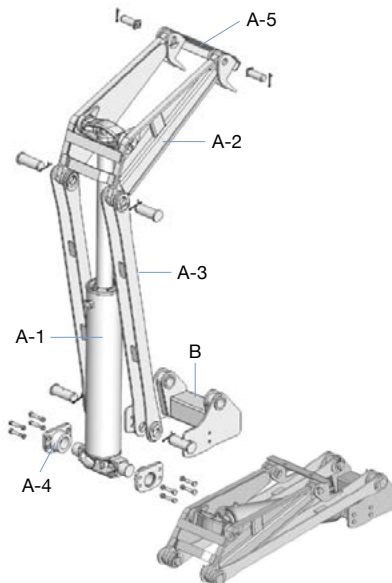
■ KRM-226



■ KRM-71/KRM-71(S40)

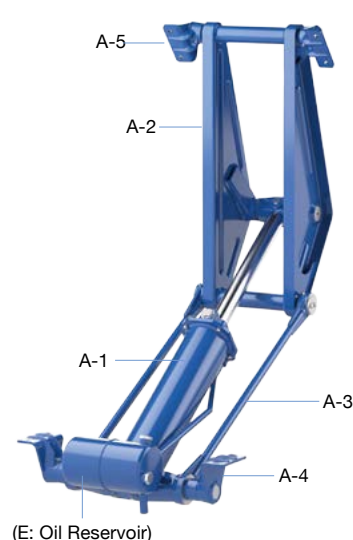


■ KRM-207



Conventional type (KR)

■ KR-123B

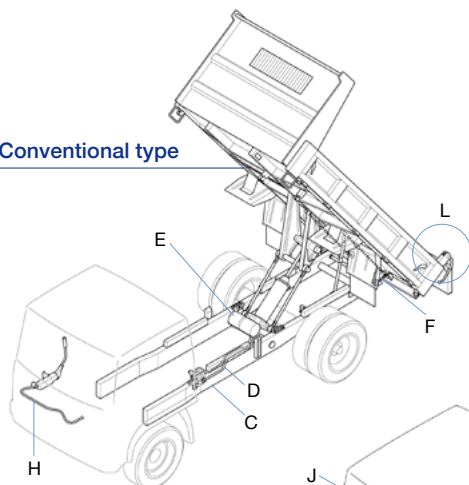


A-1: Cylinder ASSY A-2: Lift Arm A-3: Tension Link A-4: Trunnion BRKT A-5: Body BRKT B : Support ASSY*

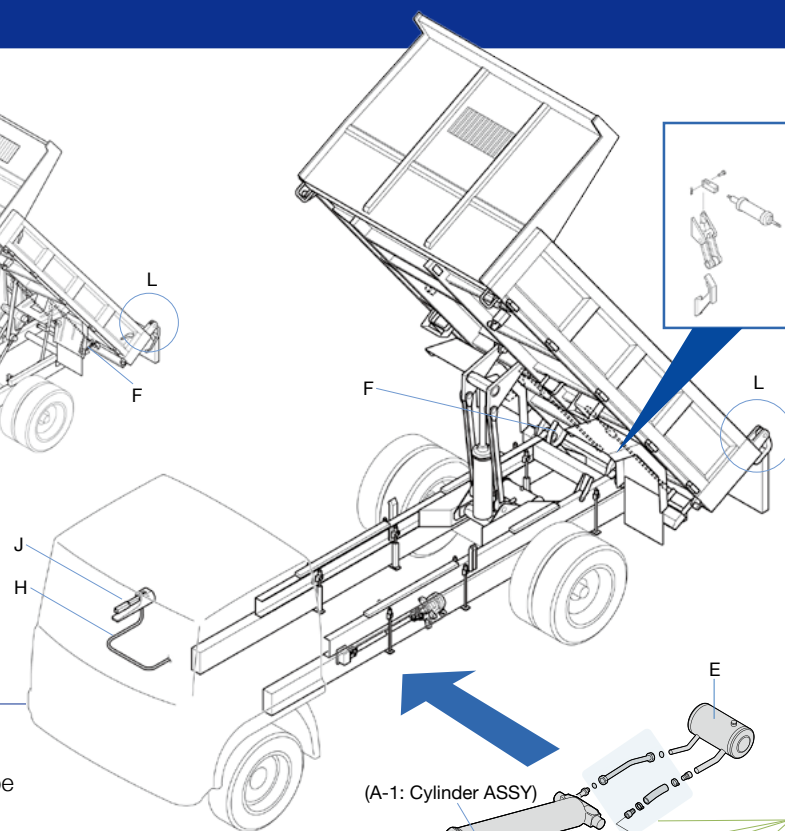
*Support ASSY is not used on models KRM-71/-71(S40) and KR-123B.

Kit Accessories

■ Conventional type

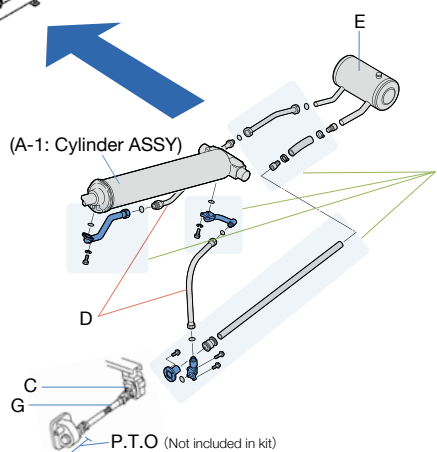


■ TENTSUKI type



Accessory items and details can be customized upon requests.

Optional pneumatic control package is available for models KRM-2**, -184BT2, -174/-174S30 and KRM-167A.



C: Gear Pump
D: Hydraulic Hoses
E: Oil Reservoir
F: Body Hinge ASSY
G: Driveshaft
H: Control Cable
I: Piping ASSY
J: Control Lever
K: Automatic Tailgate Lock
L: Tailgate Upper Hinge

<Abbreviations>
ASSY = Assembly
BRKT = Bracket

P.T.O (Not included in kit)

“TIPPING SYSTEMS” are designed to be assembled and installed with ease.

Specifications

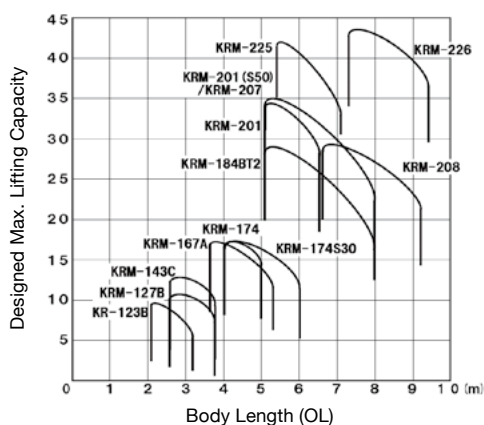
Model	Suitable Trailer/Truck Number of Axles			Recommended G.V.W.		Body Length (OL)		Trunnion to Hinge (T)		Tipping Angle		Designed Maximum Lifting Capacity	
	Rigid	Semi- trailer	Full- trailer	ton		m		mm		deg.		ton	
				Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
KRM-226	-	2 or 3	-	30	40	7.3	9.3	3,150	4,350	35	48	34	43
KRM-225	3 or 4	2	3	30	40	5.5	7.1	2,400	2,700	45	49	33	42
KRM-208	3 or 4	2 or 3	3	28	35	6.6	9.2	3,280	3,680	45	49	22	29
KRM-207	3 or 4	2	2 or 3	25	32	5.1	8	2,330	2,930	42	52	23	35
KRM-207(S50)	3 or 4	2	2 or 3	25	32	5.1	8	2,330	2,930	39	48	23	35
KRM-201	3 or 4	2	2 or 3	25	32	5.1	6.5	2,380	2,630	50	55	28	34
KRM-184BT2	3	-	2 or 3	20	28	5.1	8	2,230	2,930	42	54	18	28
KRM-174	2	-	-	12	17	4	5	1,900	2,100	54	58	14	17
KRM-174(S30)	2	-	2	12	17	4	6	1,900	2,500	44	55	13	17
KRM-167A	2	-	-	8	14	3.7	5.3	1,650	1,950	45	52	13	18
KRM-143C	2	-	-	6	9	2.6	3.8	1,100	1,400	49	60	10	13
KRM-127BT	2	-	-	5	8	2.6	3.8	1,100	1,400	49	60	8	11
KR-123B	2	-	-	4	5.5	2.1	3.2	1,170	1,370	51	60	6	9
KRM-71	2*	-	-	2	4	2	2.5	930	1,180	47	58	2.4	3
KRM-71(S40)	2*	-	-	2	4	2	2.5	830	1,180	41	56	2.4	3

“(S□□)” indicates short-stroke models. *Pickup truck.

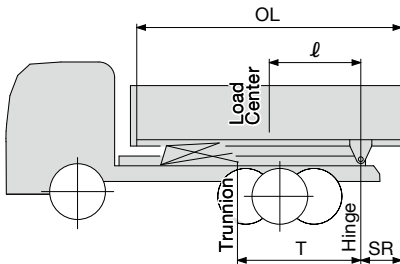
Model	Cylinder Specifications				Hoist Kit Dimensions (Installed)			Hoist Kit Weight
	Allowable pressure	Inner Diameter	Rod Diameter	Stroke	Length	Width	Height	
	MPa [kgf/cm ²]	mm	mm	mm	mm	mm	mm	kg
KRM-226	20.6 [210]	220	100	1,181	2,313	584	640	613
KRM-225	20.6 [210]	220	100	860	1,835	574	516	500
KRM-208	20.6 [210]	200	100	1,186	2,291	588	561	543
KRM-207	20.6 [210]	200	100	881	1,884	588	505	430
KRM-207(S50)	20.6 [210]	200	100	831	1,884	588	505	430
KRM-201	20.6 [210]	200	90	931	1,884	586	505	425
KRM-184BT2	20.6 [210]	188	80	881	1,878	588	501	390
KRM-174	15.7 [160]	175	70	755	1,578	509	473	310
KRM-174(S30)	15.7 [160]	175	70	725	1,578	509	473	310
KRM-167A	15.7 [160]	160	70	584	1,461	480	446	264
KRM-143C	13.7 [140]	140	50	510	1,167	400	396	171
KRM-127BT	15.7 [160]	120	50	510	1,167	400	396	159
KR-123B	15.7 [160]	120	50	430	875	539	380	85
KRM-71	16.0 [163]	79.8	70	440	980	268	273	69
KRM-71(S40)	16.0 [163]	79.8	70	400	980	268	273	67

“(S□□)” indicates short-stroke models.

Model selection chart



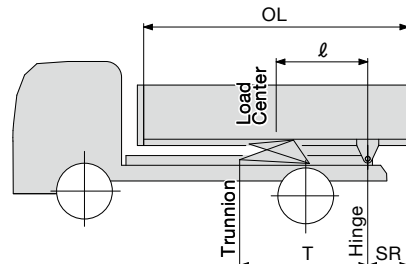
“TENTSUKI” type (KRM)



NOTES

1. The lifting capacities above have been calculated with safety margin.
2. Lifting capacity varies depending on dimensions l and T .
3. Lifting capacity figures include body weight and payload.
4. The lifting capacities above are based on the assumption that the center of gravity is at the midpoint of the body.
5. Payload weight must be regulated in accordance with applicable road traffic rules and the capacity of truck/trailer chassis.

Conventional type (KR)



Proven Quality

- The original manufacturer of "TENTSUKI" dump hoist.
- Japanese quality, developed and tested in Japan.
- Used in all over the world.



- TIS (Thai Industrial Standard) certified:
KRM-225, KRM-207, KRM-201, KRM-167A, KRM-143C

Thai ShinMaywa Co., Ltd.

ShinMaywa Tipping Systems products are manufactured and assembled in Thailand, with over 30 years of experience.



"TENTSUKI" is a registered trademark of ShinMaywa Industries, Ltd., Japan.

Specifications and dimensions are subject to change without notice.

ShinMaywa Industries, Ltd.

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