



ROLLER CRADLES & SLINGS



Design Features

- Various cradle assemblies for pipe sizes 6" (152mm) through 60" (1524mm) welded seam hang-up
- Slings for pipe sizes 2" (51mm) through 48" (1219 mm)
- Designed load capacity ensures safe handling of heavy wall pipe
- Multiple urethane rollers spaced to support the pipe evenly
- Replacement urethane cradle rollers available
- Custom sizes available upon request.
- Head Iron designed using finite element analysis per ASME BTH-1, Service Class 0, Design Category A
- The wire rope assembly meets ANSI B-30-9 sling requirements, OSHA 1910.184 sling requirements and OSHA 1926.251 material handling requirements

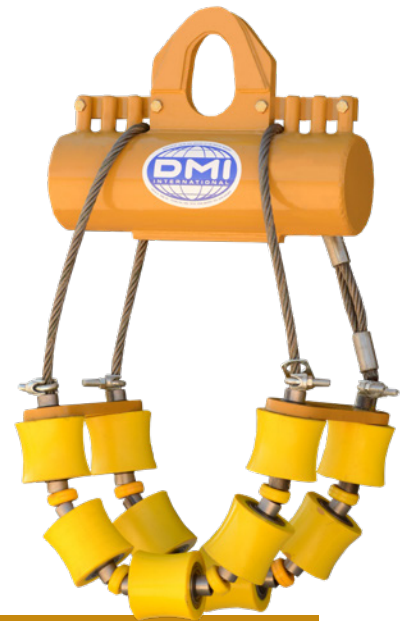
Caution

- Roller Cradles & Slings designed for verticle lifting only
- Never stand under a pipe when lifting or loading
- Uneven load distribution imposes disproportionate loading on the individual sling legs

CRADLES

SIZE	NUMBER OF ROLLERS PER ROLLER STRAND	MAXIMUM RECOMMENDED WORKING LOAD	
		LB	KG
6" - 12" ^{Single Head}	10	12,000	5,443
6" - 12" ^{Dual Head}	10	15,600	7,075
12" - 24"	14	28,662	12,982
24" - 36"	12	56,500	25,628
36" - 48"	16	69,390	31,475
48" - 60"	18	105,380	47,800

Note: Single cradle has 1 cable strand looped over the head iron
Dual cradle has 2 cable strands looped over the head iron



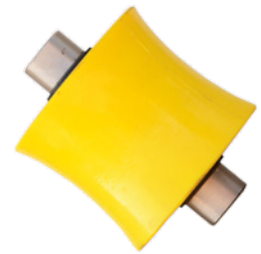
CRADLES

PIPE SIZE		LENGTH		WIDTH		HEIGHT		HEAD IRON WEIGHT		TOTAL WEIGHT	
IN	MM	IN	MM	IN	MM	IN	MM	LB	KG	LB	KG
6" - 12" ^{Single Head}	152 - 305	21"	533	6.5"	165	15.5"	394	100	45	225	102
6" - 12" ^{Dual Head}	152 - 305	25"	635	24"	610	12"	305	200	91	450	204
12" - 24"	305 - 610	37"	940	32"	813	18"	457	445	202	765	347
24" - 36"	610 - 914	57"	1448	54"	1372	20"	508	1150	522	2888	1310
36" - 48"	914 - 1219	73"	1854	64"	1626	25"	635	1540	699	3794	1721
48" - 60"	1219 - 1524	85"	2159	80"	2032	31"	787	3012	1366	5172	2346

NOTE: Shipping dimensions for Head Iron only. Total weight included 2 strands. A safety factor of 5:1 is used on the wire rope to determine working loads. Capacities should be recalculated if local laws or regulations require a different safety factor.

SLINGS

SIZE	NUMBER OF ROLLERS PER SLING	WEIGHT		LENGTH		MAXIMUM RECOMMENDED WORKING LOAD *	
		LB	KG	LB	KG	LB	KG
2" - 8"	3	36	16			15,600	7,076
8" - 12"	5	56	25			15,600	7,076
12" - 24"	7	76	34			15,600	7,076
24" - 34"	5						
24" - 36"	7						
24" - 38"	8						
36" - 42"	7						
36" - 48"	8						



Slings are not intended to replace Roller Cradles for lifting pipe, Consult factory for usage guidelines.
*Wire rope capacity

Disclaimer:

Technical information provided for this equipment regarding performance, specifications, dimension and weights can vary depending on final configuration of the equipment. Please contact DMI International for actual specifications at time of shipment.

DMI International does not accept responsibility for errors regarding the technical information, nor the consequences of any errors, nor the consequences to changes in the specifications contained herein. DMI International reserves the right to modify the equipment performance and specifications without notice.