

# MAXI-TUFF® AA/TIGER-TUFF® INDUSTRIAL SPEED CHART FOR INDUSTRIAL MATERIALS

## Maxi-Tuff® Industrial AA Elevator / Tiger-Tuff® Industrial Bucket Speed Chart



Maxi-Tuff AA (Nylon)



Maxi-Tuff AA (Urethane)



Maxi-Tuff AA (Polyethylene)



Tiger-Tuff Industrial (Nylon)



Tiger-Tuff Industrial (Urethane)

### Recommended Minimum and Optimum Pulley Speeds for Maxi-Tuff / Tiger-Tuff industrial Elevator Buckets (Centrifugal Discharge)

ELEVATOR BUCKET NOMINAL PROJ. (INCHES)	PULLEY	MINIMUM, OPTIMUM AND MAXIMUM PULLEY SPEEDS													
		CIRCUMFERENCE (FEET)	1.57	2.07	2.62	3.14	4.19	4.71	5.24	6.28	7.85	9.42	11	12.57	
		DIAMETER (INCHES)	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	42"	48"	
3"	Minimum	80	73	67	62										
	Optimum	85	77	71	66										
	Maximum	90	81	75	70										
4"	Minimum			65	60	54									
	Optimum			68	64	57									
	Maximum			72	67	60									
5"	Minimum				59	53	51	48							
	Optimum				62	55	53	51							
	Maximum				65	59	57	54							
6"	Minimum					52	49	47	44						
	Optimum					54	52	50	46						
	Maximum					57	55	53	49						
7"	Minimum						50	48	46	43	40				
	Optimum						53	51	49	46	42				
	Maximum						56	54	52	48	44				
8"	Minimum							46	43	39	36	34			
	Optimum							48	45	41	38	36			
	Maximum							51	48	44	41	38			
10"	Minimum								41	38	36	33	32		
	Optimum								45	40	37	35	33		
	Maximum								46	43	40	37	35		

## Maxi-Tuff Industrial MF Elevator Bucket Speed Chart

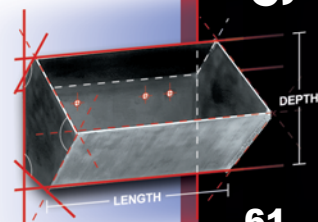
BUCKET PROJECTION	BUCKET SIZES	MINIMUM SPACING (Inches)	MINIMUM DIAMETER (Inches)	MAXIMUM FPM
5"	8 X 5 X 7	7-1/2	10	250
	10 X 5 X 7			
7"	12 X 7 X 11	11-1/4	18	250
	14 X 7 X 11			
	16 X 7 X 11			
	18 X 7 X 11			
8"	12 X 8 X 11	11-1/4	18	250
	14 X 8 X 11			
	16 X 8 X 11			
	18 X 8 X 11			

This table is for general reference only and does not guarantee perfect discharge for all bucket elevators at all speeds shown within speed range.



Maxi-Tuff MF

Recommended Minimum Spacing, Pulley Diameter and Speeds for Maxi-Tuff MF Elevator Buckets (Continuous Discharge)



Call: 1-800-527-0657 or Visit Us Online at: [www.maxilift.com](http://www.maxilift.com)

16400 Midway Rd Dallas, TX 75001 • Ph: (972)735-8855 Fx: (972)735-8896 • [info@maxilift.com](mailto:info@maxilift.com)