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.

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

Maxi-Tuff MF