

#44F-OH Traction Machine

Based on the proven Hollister-Whitney #43/#44 machines, the **#44F-OH Traction Machine** provides tremendous flexibility, especially for existing buildings with limited access (the #44F machine is only 28" wide). Flange-mount motors are easily de-mounted/mounted minimizing costly and time-consuming motor alignment. Designed for use in machine room applications with VVVF A/C controls.

Shaft Mounted "Pancake" Style Disc Brake with Floating Disc

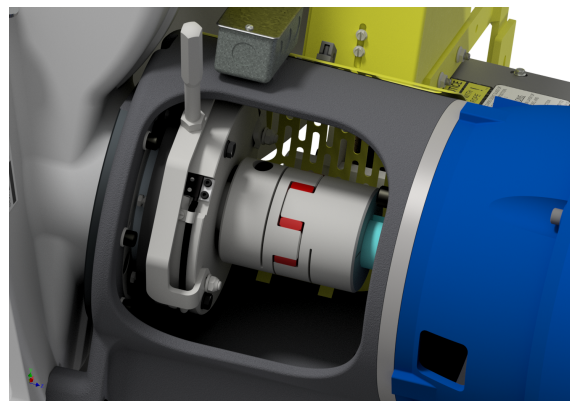
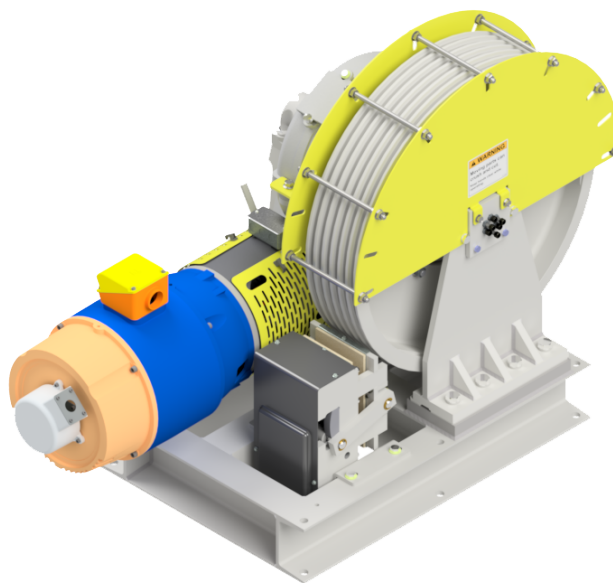
- Floating Disc-unaffected by end play
- Adjustment free
- Virtually maintenance free
- Quiet operation
- Built in brake switch
- Onboard manual brake release with removable handle

Standard Equipment (no extra cost):

- Up to 30" Diameter Drive Sheave
- VVVF A/C Motor
- Direct Current Floating Disc Brake
- Flexible Motor and Worm Shaft Coupling
- Keyed for Positive Shaft Location
- Clamp Styled for Ease of Assembly
- Added Isolation for Vibration Critical Installations
- Triple Sealed Worm Shaft Seals
- Spherical Roller Bearing Supporting Motor side of Worm
- Smaller Universal Fabricated Steel Base with Rope Gripper® Mounting Provisions
- Demountable Traction Sheaves
- Demountable Bronze Gear
- Steel Worm on Integral Shaft
- Customer Name on Housing

Optional Equipment:

- Drip Pans
- Mileage Recorder and Drive Assembly
- New Robust Traction Wheel Jump Guard
- New Comprehensive Sheave and Rope Guards
- Full Machine Guard
- Additional Traction Wheel Options
- Machine Isolation Assemblies (Standard or Seismic)
- Machine block-up assemblies
- Can Accept C-face Motors Based on NEMA Quick Reference Chart



Flexible Motor Coupling Mating to Flexible Worm Shaft Coupling

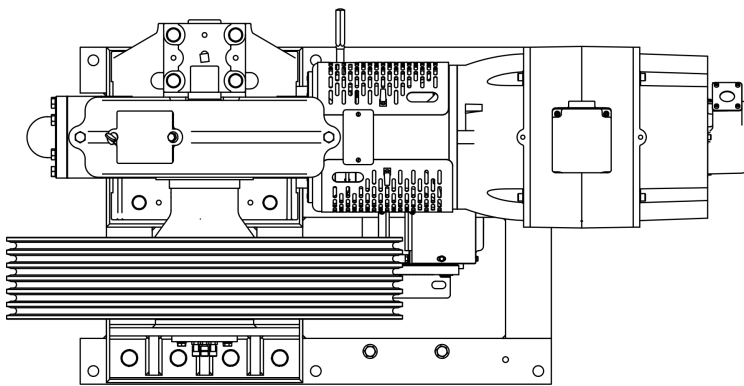
Horsepower Selection Charts

44F Overhead Machine

		1:1 ROPING, 40% COUNTERBALANCE							
		CAR SPEED							
		fpm	50	75	100	125	150	200	250
		m/s	0.25	0.38	0.51	0.64	0.76	1.02	1.27
#44F-OH	lbs	kgs							
	1000	454	3	5	5	5	7.5	10	10
	1500	680	5	5	7.5	7.5	10	12.5	12.5
	2000	907	5	7.5	7.5	10	10	12.5	
	2500	1134	5	7.5	10	12.5	12.5		
	3000	1361	7.5	10	12.5	15			
	3500	1588	7.5	10	12.5				
	4000	1814	10	12.5					
CAR CAPACITY									

		2:1 ROPING, 40% COUNTERBALANCE					
		CAR SPEED					
		fpm	25	50	75	100	125
		m/s	0.13	0.25	0.38	0.51	0.64
#44F-OH	lbs	kgs					
	2000	907	3	5	7.5	7.5	10
	3000	1361	3	7.5	10	10	12.5
	4000	1814	5	7.5	12.5		
	5000	2268	5	10			
	6000	2722	7.5	12.5			
	7000	3175	7.5	12.5			
	8000	3629	10				
CAR CAPACITY							

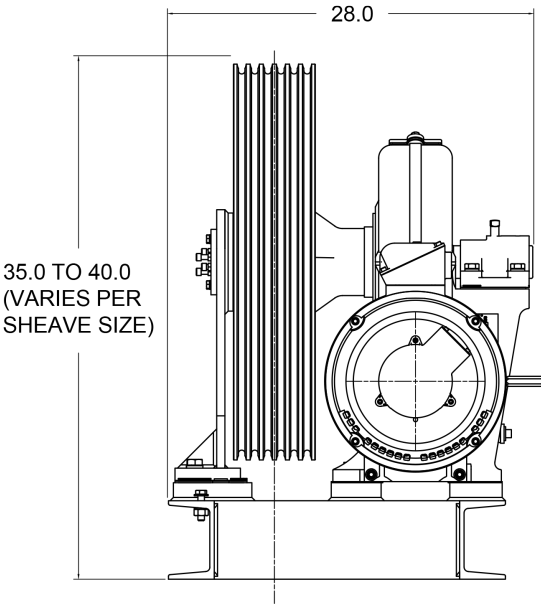
— 52.0 TO 57.0 (VARIES PER MOTOR AND SHEAVE COMBINATION)



13.6 w/ 20"-26" DIA. SHV
14.5 w/28" DIA. SHV
15.5 w/30" DIA. SHV

LEFT HAND MACHINE SHOWN, RIGHT-HAND SYMMETRICALLY OPPOSITE.
ALL DIMENSIONS ARE IN INCHES.

#44F-LH-30 WEIGHT (WITH MOTOR): 1,750 LBS.
ADD 470 LBS. FOR 44F-LH-30 BASE/BEDPLATE.



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