

Worm Gear Hand Winches

- Up to 4000 lb capacity
- Machine Cut Worm Gears provide accurate operation and long lasting service.
- Enclosed Oil Bath provides continuous lubrication of gears to minimize wear, except on Model 465. On Model 4WM2 oil seals keep oil in and dirt out.
- Hex Drive and handle are included. Model 4WM2 can be power driven with a maximum 400 rpm drill-motor.
- Automatic Brake Models provide positive load control for lifting. Brake models have a PB or B suffix. Model 4WM2 features an internal mechanical brake.
- Corrosion Resistant durable paint finish protects against corrosion in harsh environments.
- Bronze Bearings on most models for smooth operation.
- Large Diameter Drums minimize wire rope wear.
- Handles Adjust in length to change force required to move the load.
- Mounting Options include floor, wall, or ceiling. Adapter plate may be required, contact factory.
- Two-year Limited Warranty



Model 465



Model 4WM2



Model 482B



Model #	Description	Load Rating			Wire Rope Dia (in)	Drum Capacity (ft)			gear ratio	force to lift 1000 lb	Approx. Weight
		1st layer	mid drum	full drum		1st layer	mid drum	full drum			
465	750 lb - open gears (recommended for pulling only)	750	600	400	1/8 3/16	7 4	58 27	130 59	20:1	21 lb.	12
462	1000 lb - enclosed gearing (recommended for pulling only)	1000	700	500	1/8 3/16	7 4	61 28	140 61	15:1	34 lb.	15
4622PB	1000 lb - enclosed gearing with brake (for lifting)	1000	700	500	1/8 3/16	7 4	61 28	140 61	15:1	26 lb.	21
472	2000 lb - enclosed gearing (recommended for pulling only)	2000	1700	1300	3/16 1/4 5/16	15 11 8	65 35 23	140 77 52	24:1	24 lb.	32
4WM2	2000 lb - enclosed gearing with brake (for lifting) Drill Driveable	2000	1500	1200	1/4	11	35	77	32:1	14 lb.	41
482	4000 lb - enclosed gearing (recommended for pulling only)	4000	3300	2500	1/4 5/16 3/8	23 18 14	140 91 65	300 200 140	26:1	31 lb.	100
482B	4000 lb - enclosed gearing with brake (for lifting)	4000	3300	2500	1/4 5/16 3/8	23 18 14	140 91 65	300 200 140	26:1	21 lb.	113

WINCHES & CRANES