Joyce/Dayton offers **Machine Screw Jacks** in several designs including: • Translating • Keyed for non-rotation

- Keyed for traveling nut (KFTN)
- Double clevis
- Trunnion

A guide for ordering is on pages 20 and 21.

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2D and 3D models available on website • Ordering information on pages 20 and 21 sales@joycedayton.com

MACHINE SCREW JACKS ORDERING INFORMATION

Instructions: Select a model number from this chart.

Miniature	1-Ton	2-Ton	2-Ton Reverse Base	3-Ton	5-Ton	10-Ton	15-Ton	20-Ton
WJ250 WJ500* WJ1000	WJ51 WJ201	WJT62 WJT122 WJT242 WJT252	RWJT62 RWJT122 RWJT242 RWJT252	WJ63 WJ123 WJ243 WJ253	WJT65 WJT125 WJT245 WJT255	WJ810 WJ2410 WJ2510	WJ815 WJ2415 WJ2515	WJ820 WJ2420 WJ2520
		DWJ62* DWJ122* DWJ242*	DRWJ62* DRWJ122* DRWJ242*	DWJ63* DWJ123* DWJ243*	DWJ65* DWJ125* DWJ245*	DWJ810* DWJ2410*	DWJ815* DWJ2415*	DWJ820* DWJ2420*
25-Ton	30-Ton	35-Ton	50-Ton	50-Ton Reverse Base	75-Ton	100-Ton	150-Ton	250-Ton
WJ1125 WJ3225	WJ1130 WJ3230	WJ1135 WJ3235	WJT1150 WJT3250	RWJT1150 RWJT3250	WJ1175 WJ3275	WJ12100 WJ36100	WJ12150 WJ36150	WJ50250
DWJ1125* DWJ3225*	DWJ1130* DWJ3230*							

Important Note: *Not self-locking, may lower under load. Brake motors or external locking systems are recommended.

D: Double Lead Screw

R: Reverse Base Jack, (only available on 2-ton and 50-ton jacks).

Sample Part Number: WJT65U1N-18.50-STDX-STDX-B



MACHINE SCREW JACKS SHAFT CODES

Instructions: Select the appropriate shaft codes for both right and left hand shafts. One shaft code must be specified for each side of the jack.

Screw Stops (p. 10) and Boots (pp. 170-172)

Screw stops are optional on machine screw jacks. When specified, the closed height of the jack and/or the protection tube length may be increased.

When boots are added to machine screw jacks, the closed height of the jack may be increased.



Models			Availabl	e Positions	3						
Model	Code			1	2*	3	4	5	6*	7	8
LS7-402	LI			д	Д	R	Д	А	Д	5	А
LS8-402	LA		Left Side		Te-			1.2	Dr.		
LS8-404	LB	Number of	Shaft Options								
LS9-502	LC	(see p. 175)									
LS9-503	LD	NOTE:		д	10	Л	Д	А	ц	× 1],	
LS9-504	LE	0 for LS7 models	Right Side		Test 1	· · · · ·		1.2	DA		
LS9-505	LF		Shaft Options								2 5
LS9-506	LG										
LS9-507	LH		• 2, 3, 5, 1 • 25, 30, 3	0, 15, and 20) ton jacks a	re available	with position	s #1, #3, and	1#5 ⊧1 #4 #7 an	d #8	
			*These po	sitions are n	ot standard.	Contact Joy	ce/Dayton w	ith your requ	irements.		

Mechanical Counters (p. 177)

CNT0=0.001" Increments Note: Contact Joyce/Dayton for availability and options.



MACHINE SCREW JACKS SPECIFICATIONS

Model	Capacity	Screw Diameter (Inches)	Thread Pitch/Lead	Worm Gear Ratio	Worm Shaft Turns for 1" Travel	Tare Torque (Inch Lbs.)	Starting Torque (Inch Lbs.)	Operating Torque (Inch Lbs.)	Efficiency Rating % Approx.	Screw Torque (Inch Lbs.)	Basic Jack Weight (Lbs.)	Jack Weight per Inch Travel (Lbs.)		
WJ250	250 lbs.	1/2	.125 pitch STUB ACME	5:1	40	1	.025W*	.018W* @ 500 RPM	23.0	.050W*	1.2	0.1		
WJ500	500 lbs.	5/8	.125 pitch .250 lead STUB ACME	5:1	20	1	.041W*	.030W* @ 500 RPM	27.2	.079W*	1.3	0.1		
WJ1000	1,000 lbs.	5/8	.125 pitch STUB ACME	5:1	40	1	.030W*	.021W* @ 500 RPM	19.9	.059W*	1.3	0.1		
WJ51			.200 pitch	5:1	25		.038W*	.026W* @ 500 RPM	25.0	07514				
WJ201		3/4	ACMĖ 2C	20:1	100	3	.017W*	.009W* @ 500 RPM	15.9	.075W	D	0.3		
(R)WJT62				6:1	24		.041W*	.028W* @ 500 RPM	24.2					
(R)WJT122			.250 pitch	12:1	48		.025W*	.015W* @ 500 RPM	22.0	000000				
(R)WJT242			ACMĖ 2C	24:1	96		.018W*	.009W* @ 500 RPM	18.3	.098W				
(R)WJT252	2 ton	1		25:1	100	4	.015W*	.0085W* @ 500 RPM	17.0	_	15	0.3		
D(R)WJ62				6:1	12		.057W*	.039W* @ 500 RPM	33.7					
D(R)WJ122			.250 pitch .500 lead	12:1	24		.035W*	.022W* @ 500 RPM	30.5	.139W*				
D(R)WJ242	1		AUME 20	24:1	48		.025W*	.013W* @ 500 RPM	25.4					
WJ63				6:1	24		.040W*	.029W* @ 500 RPM	24.3					
WJ123			.250 pitch ACME 2C	12:1	48	6	.025W*	.016W* @ 500 RPM	22.2	098W*	17	0.4		
WJ243				24:1	96		.017W*	.009W* @ 500 RPM	18.5					
WJ253	3 ton	1		25:1	100		.0155W*	.009W* @ 500 RPM	17.8					
DWJ63				6:1	12		.055W*	.041W* @ 500 RPM	33.8					
DWJ123					.250 pitch .500 lead	12:1	24		.034W*	.022W* @ 500 RPM	30.7	.139W*		
DWJ243			AGME 20	24:1	48		.024W*	.013W* @ 500 RPM	25.6	_				
WJT65				6:1	16		.065W*	.044W* @ 300 RPM	23.0					
WJT125			.375 pitch STUB ACME	12:1	32		.041W*	.025W* @ 300 RPM	20.6	.151W*				
WJT245				24:1	64		.029W*	.015W* @ 300 RPM	16.7	.131W* .171W*	32	0.7		
WJT255	5 ton	1 1/2	.250 pitch ACME 2C	25:1	100	10	.022W*	011W* @ 300 RPM	13.4					
DWJ65			050	6:1	12		.072W*	.050W* @ 300 RPM	26.8					
DWJ125			.250 pitch .500 lead	12:1	24		.045W*	.028W* @ 300 RPM	23.9					
DWJ245			AGME 20	24:1	48		.033W*	.017W* @ 300 RPM	19.6					
WJ810			.500 pitch	8:1	16		.061W*	.043W* @ 200 RPM	23.1	105///*				
WJ2410			ACMĖ 2C	24:1	48		.030W*	.018W* @ 200 RPM	18.8	.195W*				
WJ2510	10 ton	2	.250 pitch ACME 2C	25:1	100	20	.024W*	.014W* @ 200 RPM	11.3	.161W*	43	1.3		
DWJ810			.333 pitch	8:1	12		.070W*	.062W* @ 200 RPM	31.9	0001//*				
DWJ2410			ACME 2C	24:1	36		.035W*	.026W* @ 200 RPM	25.9	.228W				

Important Note: Series DWJ double lead screw jacks and WJ500 screw jacks are not self-locking. Brake motors or external locking systems are recommended.

(R): Reverse Base Jack.

***W:** Load in pounds.

Tare Torque: Initial torque to overcome seal and normal assembly drag. This value must be added to starting torque or operating torque values.

Starting Torque: Torque value required to start moving a given load (dissipates to operating torque values once the load begins moving).

Operating Torque: Torque required to continuously raise a given load at the input RPM listed.

Note: If your actual input RPM is 20% higher or lower than the listed RPM, please refer to our JAX® program to determine actual torque values at your RPM.

Screw Torque: Torque required to resist screw rotation (Translating Design Jacks) and traveling nut rotation (Keyed for Traveling Nut Design Jacks).

Lead: The distance traveled axially in one rotation of the lifting screw.

Pitch: The distance from a point on a screw thread to a corresponding point on the next thread, measured axially.

MACHINE SCREW JACKS SPECIFICATIONS

Model	Capacity	Screw Diameter (Inches)	Thread Pitch/Lead	Worm Gear Ratio	Worm Shaft Turns for 1" Travel	Tare Torque (Inch Lbs.)	Starting Torque (Inch Lbs.)	Operating Torque (Inch Lbs.)	Efficiency Rating % Approx	Screw Torque (Inch Lbs.)	Basic Jack Weight (Lbs.)	Jack Weight per Inch Travel (Lbs.)			
WJ815			.500 pitch	8:1	16		.069W*	.047W* @ 200 RPM	21.1	01014					
WJ2415		2 1/4	ACME 2C	24:1	48		.036W*	.020W* @ 200 RPM	16.6	.210W*					
WJ2515	15 ton		.250 pitch ACME 2C	25:1	100	30	.026W*	.015W* @ 200 RPM	10.2	.178W*	59	1.4			
DWJ815			.333 pitch	8:1	12		.079W*	.058W* @ 200 RPM	34.4	04494					
DWJ2415		2 1/4	ACME 2C	24:1	36		.041W*	.025W* @ 200 RPM	27.0	.244W^					
WJ820			.500 pitch	8:1	16		.075W*	.051W* @ 200 RPM	19.6	00714/*					
WJ2420		2 1/2	ACME 2C	24:1	48		.039W*	.022W* @ 200 RPM	15.4	.227₩*					
WJ2520	20 ton		.250 pitch ACME 2C	25:1	100	40	.029W*	.016W* @ 200 RPM	9.4	.194W*	77	1.9			
DWJ820		0 1/0	0.1.0	0.1/0	0.1/0	.375 pitch	8:1	10.67		.088W*	.061W* @ 200 RPM	24.5	07014/*		
DWJ2420		2 1/2	ACME 2C	24:1	32		.046W*	.026W* @ 200 RPM	19.3	.272W*					
WJ1125		2.270	.666 pitch	11:1	16		.088W*	.055W* @ 200 RPM	18.3	01014					
WJ3225	05 444	3 3/8	ACME	32:1	48	50	.053W*	.025W* @ 200 RPM	13.5	.313W	104	0.1			
DWJ1125	25 ton	ton 3 3/8	.562 pitch	11:1	9.5	50	.106W*	.067W* @ 200 RPM	25.1	20414	104	0.1			
DWJ3225		3 3/8	ACME 2C	32:1	28.5		.063W*	.030W* @ 200 RPM	18.6	.3041					
WJ1130		2 1 / 0	.666 pitch	11:1	16		.088W*	.055W* @ 200 RPM	18.3	21.21//*					
WJ3230	20 top	3 1/2	ACMÈ 2C	32:1	48	60	.052W*	.025W* @ 200 RPM	13.5		164	3.0			
DWJ1130	30 100	2 1 /0	.5625 pitch	11:1	9.5	00	.107W*	.067W* @ 200 RPM	25.1	2041W/*	104	3.0			
DWJ3230		5 1/2	ACME 2C	32:1	28.5	-	.064W*	.030W* @ 200 RPM	18.6	.304W					
WJ1135	2E top	2.2/4	.666 pitch	11:1	16	70	.093W*	.057W* @ 200 RPM	17.4	2001//*	040				
WJ3235	30 tun	5 3/4	ACMÈ 2C	32:1	48	70	.055W*	.026W* @ 200 RPM	12.9	.320W	240	5.4			
(R)WJT1150	EQ top	4 1 /0	.666 pitch	11:1	16	100	.095W*	.063W* @ 150 RPM	15.8	270\//*	207	6.1			
(R)WJT3250	50 100	4 1/2	ACMÈ 2C	32:1	48	100	.050W*	.027W* @ 150 RPM	12.4	.370W	307	0.1			
WJ1175	75 top	Б	.666 pitch	11:1	16	155	.107W*	.067W* @ 150 RPM	14.8	/1 QW/*	610	6 6			
WJ3275	75 101	J	ACME 2C	32:1	48	100	.056W*	.028W* @ 150 RPM	11.7	.410W	010	0.0			
WJ12100	100 top	e	.750 pitch	12:1	16	90E	.112W*	.072W* @ 90 RPM	13.9	405W/*	1010	10.0			
WJ36100		U	ACMÈ 2C	36:1	48	200	.059W*	.031W* @ 90 RPM	10.8	.490W	1010	10.0			
WJ12150	150 ton	7	1.00 pitch	12:1	12	300	.134W*	.084W* @ 90 RPM	15.7	5051//*	1350	10.0			
WJ36150			ACMĖ 2C	36:1	36	300	.070W*	.037W* @ 90 RPM	12.1	.09000	1330	12.2			
WJ50250	250 ton	9	1.00 pitch ACME 2C	50:1	50	500		.036W* @ 60 RPM	8.8	.711W*	3415	21.0			

Important Note: Series DWJ double lead screw jacks and WJ500 screw jacks are not self-locking. Brake motors or external locking systems are recommended.

(R): Reverse Base Jack.

*W: Load in pounds.

Tare Torque: Initial torque to overcome seal and normal assembly drag. This value must be added to starting torque or operating torque values.

Starting Torque: Torque value required to start moving a given load (dissipates to operating torque values once the load begins moving).

Operating Torque: Torque required to continuously raise a given load at the input RPM listed.

Note: If your actual input RPM is 20% higher or lower than the listed RPM, please refer to our JAX® program to determine actual torque values at your RPM.

Screw Torque: Torque required to resist screw rotation (Translating Design Jacks) and traveling nut rotation (Keyed for Traveling Nut Design Jacks).

Lead: The distance traveled axially in one rotation of the lifting screw.

Pitch: The distance from a point on a screw thread to a corresponding point on the next thread, measured axially.

MACHINE SCREW JACKS COLUMN LOADING





Upright





Inverted traveling nut



Inverted



Material Notes: Housing and protection tube are aluminum. Lifting screw is cold drawn steel (CDS), Input shaft (worm) is 416 S.S. Note: Drawings are artist's conception — not for certification; dimensions are subject to change without notice.





Inverted



Material Notes: Housing and protection tube are aluminum. lifting screw is 304 S.S. Input shaft (worm) is 416 S.S. Note: Drawings are artist's conception - not for certification; dimensions are subject to change without notice.



Material Notes: Housing and protection tube are aluminum. Lifting screw is 304 S.S. Input shaft (worm) is 416 S.S. Note: Drawings are artist's conception — not for certification; dimensions are subject to change without notice.



Upright traveling nut



Note: Drawings are artist's conception - not for certification; dimensions are subject to change without notice.

Inverted



2D and 3D models available on website • Ordering information on pages 20 and 21 sales@joycedayton.com



























Upright











Joyce machine screw ComDRIVEs[®] combine a machine screw jack, motor and gear reducer into a single compact unit. ComDRIVEs are available in 2-ton through 30-ton capacities. They provide travel speeds up to 35.1 inches per minute. ComDRIVEs with single lead screws (CD) are self-locking; those with double lead screws (DCD) may require a brake motor or external locking device to hold position.

Four standard end conditions are available and ComDRIVEs can be fitted with protective boots. Limit switches, anti-backlash devices, and other options are also available.

ComDRIVE Benefits:

- Can power an entire jacking system.
- Reduces the number of components that must be specified.
- Simplifies design.
- Reduces installation costs with only a single plate needed to mount the jack body.
- Reduces the number of couplings and shafts required in multi-jack systems.
- Standard 230/460 volt, 3-phase, 60 hertz motor included.

ComDRIVEs can be specified without the motor. The reducer flange accepts standard NEMA motor frame sizes.

Joyce/Dayton can customize ComDRIVEs to meet your specifications. Ask about larger size ComDRIVEs.

Joyce/Dayton offers Machine Screw ComDRIVEs in several designs including:

- Translating
- Keyed for non-rotation
- Keyed for traveling nut (KFTN)
- Double clevis
- Trunnion mount
- A guide for ordering is on pages 46 and 47.

MACHINE SCREW ComDRIVEs® ordering information

Instructions: Select a model number from this chart.

2-Ton	3-Ton	5-Ton	10-Ton	15-Ton	20-Ton	25-Ton	30-Ton
CD62 CD122 CD242	CD63 CD123 CD243	CD65 CD125 CD245	CD810 CD2410	CD815 CD2415	CD820 CD2420	CD1125 CD3225	CD1130 CD3230
DCD62* DCD122* DCD242*	DCD63* DCD123* DCD243*	DCD65* DCD125* DCD245*	DCD810* DCD2410*	DCD815* DCD2415*	DCD820* DCD2420*	DCD1125* DCD3225*	DCD1130* DCD3230*
Important Note: *Not self	f-locking, may lower under l	load. Brake motors or extern	al locking systems are recor	mmended.			
(For 25:1 ratio, contact Joy	ce/Dayton.)						
Sample F	Part Nur	nber: <mark>C</mark>)65 <u>U2S</u> -	<u>18.50-P1</u>	AB-STD	<u>X-B</u>	
Jack Configurat	tion						
æ 4				Left Side	Right Side	e /	Additional
U=Upright I=In	verted			Shaft Code (see below)	Shaft Cod (see below)	e () ptions (=Standard Jack,
End Conditions				Ó			
А				6		5	Specification Required
1=T1 (plain end)				The second se			Noti-Backlash p. 180
(plain end)						4 4 4	4=Split Nut 490=A90 Design 495=A95 Design
2=T2 (load pad)				XXXX=Remove STDX=Standard	XXXX=R STDX=St	emove F andard F	Protective Boots pp. 170-172 B=Protective Boot
			F	For optional shaft code	es, For optional s	shaft codes,	Dual Protective Boot
3=T3		0	WE® D'			F	Inishes p. 179 1=Do Not Paint
(threaded end))	COMUR Bise is t	WE® KISC ravel expressed i	n inches and not th	he actual screw l	enath	3=Outdoor Paint
		When c	ompanion jacks a	re ordered with the	e ComDRIVE [®] , the	eir screws	Notor Ontions
4=T4 (male clevis)		are leng	thened to match	the ComDRIVE [®] .			11=Less Motor 12=Brake Motor 13=Single Phase 10tor (120VAC) 14=50Hz Motor
						C F	Grease/Seals 11=High Temperature Operation
Jack Designs			0	-			
	ļ	6					icrew Stops ixtending and etracting stops ire standard on ComDRIVEs.
S=Translating	K=Keyeo Rota	d for Non Nation	-Traveling Nut	D=Double Clevis	s A=KFTN T T=Trun	runnion*	Specify as many options as needed

*Standard trunnion mounts available on 2-ton through 20-ton jacks. (See page 173)

MACHINE SCREW ComDRIVES® SHAFT CODES

Instructions: Select the appropriate shaft codes for both right and left hand shafts. One shaft code must be specified for each side of the ComDRIVE[®].



All standard motors are 3-phase, 208-230/460 VAC or 230/460 VAC. Other motor options are available including international voltages, and single phase AC. Specify the appropriate motor size from the chart above. Refer to the "Additional Options" chart on the preceding page as needed. Brake motors are required for ball screw ComDRIVEs[®]. Contact Joyce/Dayton for other options.



MACHINE SCREW ComDRIVES® COLUMN LOADING



MACHINE SCREW ComDRIVEs® SPECIFICATIONS

Reducer Ratio 5 7 1/2 10 5 7 1/2 5 7 1/2 10 5 7 1/2 10 7 1/2 5 Travel Speed IPM 13.88 9.50 7.04 6.94 4.75 3.47 2.38 1.76 27.75 19.00 14.08 9.50 6.94 Lifting Capacity, Lbs. 1/3 HP 1,865 2,650 3,500 3,350 4,000 4,000 4,000 4,000 1,300 1,850 2,450 3,300 3,83 Lifting Capacity, Lbs. 1/2 HP 2,875 4,000	
Travel Speed IPM 13.88 9.50 7.04 6.94 4.75 3.47 2.38 1.76 27.75 19.00 14.08 9.50 6.94 Lifting Capacity, Lbs. 1/3 HP 1,865 2,650 3,500 3,350 4,000 4,000 4,000 1,300 1,850 2,450 3,300 3,83 Lifting Capacity, Lbs. 1/2 HP 2,875 4,000	7 1/2 10
Lifting Capacity, Lbs. 1/3 HP 1,865 2,650 3,500 3,350 4,000 4,000 4,000 1,300 1,850 2,450 3,300 3,83 Lifting Capacity, Lbs. 1/2 HP 2,875 4,000 4,000 2,000 2,825 3,720 4,000	4.75 3.52
Lifting Capacity, Lbs. 1/2 HP 2,875 4,000 4,000 1,000 <th1,000< th=""> 1,000 1,000</th1,000<>	4 000 4 000
Opposity, Lbs. 172 m 2,000 4,000	1,000
3 Ton Model Number CD63 CD123 CD243 DCD63 DCD123	
3 Ton Model Number CD63 CD123 CD243 DCD63 DCD123	
	DCD243
Reducer Ratio 5 7 1/2 10 5 7 1/2 5 7 1/2 10 5 7 1/2 10 7 1/2 5	7 1/2 10
Travel Speed IPM 13.88 9.50 7.04 6.94 4.75 3.47 2.38 1.76 27.75 19.00 14.08 9.50 6.94	4.75 3.52
Lifting 1/3 HP 1,910 2,700 3,555 3,425 4,790 5,610 6,000 6,000 1,335 1,890 2,485 3,350 3,92	5,415 6,000
Capačity, 1/2 HP 2,920 4,095 5,380 5,235 6,000 6,000 2,045 2,865 3,765 5,085 6,00	6,000
Lbs. 3/4 HP 4,430 6,000 6,000 6,000 3,100 4,340 6,000	
5 Ton Madel Number CR65 CR245 DPR65 DPR725	DCD2//5
Orthomospheric Status Status <th< td=""><td>10</td></th<>	10
Reducts Rade J I <t< td=""><td>3 52</td></t<>	3 52
1 JUD 2 250 5 00 10 000 10 000 200 200 200 2170 10.00	10 000
Lifting 1 11 - 3,700 - 0,800 - 10,000 - 10,000 - 3,220 - 0,110 - 10,000 - 1	10,000
Lapacity, 1172 nr 3,733 3,003 3,003	
2 nr 1,/30 0,043	
10 Ton Model Number CD810 CD2410 DCD810	DCD2410
Reducer Ratio 5 10 5 10 5	10
Travel Speed IPM 20.81 10.56 6.94 3.52 27.76 14.09 9.25	4.69
1 HP 3,680 7,070 9,000 16,760 3,150 6,045 7,700	14,330
Lifting 1 1/2 HP 5,760 14,090 4,925 12,050	
Capacity, 2 HP 7,840 19,165 6,700 16,390	
Lbs. 3 HP 12,150 20,000 20,000 20,000 10,385 19,450 20,000	20,000
5 HP 20,000 III 17,580 III 17,580	
15 Ton Model Number CD015 CD2/15 DCD015	NCD2/15
Paducer Patio	10
Travel Snod IDM 20.91 10.56 6.04 3.52 9.776 14.00 0.25	/ 60
1 UD 2 140 0 000 7 525 14 205 271 5 5265 6 515	12 440
11/2 UD 5.035 12.005 12.005 14,060 2,113 3,000 0,016	12,440
Lifting 172 III 3,003 12,003 4,000 10,400 10,400	
Capacity, Z HP 0,920 10,020 3,990 14,313	20.000
Lbs. 2 HD 10.950 20.425 26.040 20.000 0.290 17.665 22.500	30,000
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520	
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 30,000 16,010 30,000 30,000 16,010 30,000	
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 30,000 16,010 30,000 30,000 20 Ton Model Number CD820 CD2420 DCD820 CD2420	D CD24 20
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 30,000 16,010 30,000 30,000 20 Ton Model Number CD320 CD320 CD320 CD320 CD320 Reducer Ratio 5 10 5 10 5 10 5	DCD2420 10
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 30,000 30,000 30,000 30,000 16,010 30,000 30,000 30,000 30,000 30,000 16,010 30,000	DGD2420 10 4.69 10,765
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DGD2420 10 4.69 10,765
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DGD2420 10 4.69 10,765
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DGD2420 10 4.69 10,765 36,300
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 30,000 16,010 30,000 30,000 CO Ton Model Number CD320 CD2420 CD320 CD320 Reducer Ratio 5 10 5 10 5 10 5 Travel Speed IPM 20.81 10.56 6.94 3.52 27.76 14.09 9.25 Lifting Capacity, Lbs. 1 HP 2,715 5,570 6,520 12,920 2,265 4,645 5,435 Lifting Capacity, Lbs. 3 HP 4,475 10,745 3,730 8,960 12,475 J HP 6,235 14,965 5,195 12,475 12,475 Lbs. 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 5 HP 17,000 40,000 40,000 14,175 34,020	DCD2420 10 4.69 10,765 36,300
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 DCD24225
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 DCD3225 10
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 DCD3225 10 5.94
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 30,000 30,000 30,000 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 DCD3225 10 5.94 30,040
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 20 Ton Model Number CD820 CD2420 DCD820 CD2820 State Reducer Ratio 5 10 5 10 5 10 5 Travel Speed IPM 20.81 10.56 6.94 3.52 27.76 14.09 9.25 Lifting Capacity, Lbs. 1 HP 2,715 5,570 6,520 12,920 2,265 4,645 5,435 2 HP 6,235 10,745 3,730 8,960 12,475 Lbs. 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 25 Ton Model Number CD1125 CD325 DCD1125 20,79 10.55 6,93 3.52 35,12 17,82 11,71 Reducer Ratio 5 10 5 10 5 10 5	DCD2420 10 4.69 10,765 36,300 DCD3225 10 5.94 30,040 50,000
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 20 Ton Model Number CD820 CD2420 DCD820 CD320 Reducer Ratio 5 10 5 10 5 10 5 Travel Speed IPM 20.81 10.56 6.94 3.52 27.76 14.09 9.25 Lifting Capacity, Libs. 1 HP 2,715 5,570 6,520 12,920 2,265 4,645 5,435 Lifting Capacity, Libs. 1 1/2 HP 4,475 10,745 3,730 8,960 12,475 Lifting Capacity, Libs. 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 5 HP 17,000 40,000 14,175 34,020 34,020 25 Ton Model Number CD1125 </td <td>DCD2420 10 4.69 10,765 36,300 0 DCD32225 10 5.94 30,040 50,000</td>	DCD2420 10 4.69 10,765 36,300 0 DCD32225 10 5.94 30,040 50,000
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 0 0 0 0 0 0 0 0 0 0 0 0
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Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 20 Ton Model Number CDB20 CDCD320 CDCD320 Reducer Ratio 5 10 5 10 5 0 5 Travel Speed IPM 20.81 10.56 6.94 3.52 27.76 14.09 9.25 Lifting Capacity, Lbs. 1 HP 2,715 5,570 6,520 12,920 2,265 4,645 5,435 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 25 Ton Model Number CD1125 CD3225 DCD1125 20 34,020 25 Travel Speed IPM 20.79 10.55 6.93 3.52 35.12 17.82 11.71 Lifting Capacity, Lbs. 3 HP 9,050<	DCD2420 10 4.69 10,765 36,300 36,300 DCD32225 10 5.94 30,040 50,000 4 4 50,000 10 10 10 10 10 10 10 10 10
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 30,30 30,000 30,000	DCD2420 10 4.69 10,765 36,300 0 0 0 0 0 0 0 0 0 0 0 0
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 36,300 DCD3225 10 5.94 30,040 50,000 0 DCD3230 10
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 30,300 30,300 30,300 30,300 30,300 30,300 30,300 30,300 30,4020	DCD2420 10 4.69 10,765 36,300 36,300 0 0 0 0 0 0 0 0 0 0 0 0
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 36,300 DCD3225 10 0 0 0 0 0 0 0 0 0 0 0 0 0
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 20 Ton Model Number CD620 CD2420 DCD820 Reducer Ratio 5 10 5 10 5 Travel Speed IPM 20.81 10.56 6.94 3.52 27.76 14.09 9.25 1 HP 2,715 5,570 6,520 12,920 2,265 4,645 5,435 1 1/2 HP 4,475 10,745 3,730 8,960 12,475 2 HP 6,235 14,965 5,195 12,475 1 kB 9,880 18,785 23,715 40,000 8,235 15,660 19,770 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 2 For Model Number C01125 C03225 DC01125 24,010 26,825 Reducer Ratio 5 10 5	DCD2420 10 4.69 10,765 36,300 36,300 0 0 0 0 0 0 0 0 0 0 0 0
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,665 22,520 5 HP 18,515 30,000 16,010 30,000 20 Ton Model Number CD820 CD2420 DC0320 Reducer Ratio 5 10 5 10 5 Travel Speed IPM 20.81 10,56 6,94 3.52 27.76 14,09 9.25 Lifting Capacity, Lbs. 1 HP 2,715 5,570 6,520 12,200 2,265 4,645 5,435 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 3 HP 9,880 18,785 23,715 40,000 8,235 15,660 19,770 5 HP 17,000 40,000 14,175 30,200 30,200 25 Ton Model Number CD1125 CD3225 DCD1125 11,71 Gapacity, Lbs. 3 HP 9,050 17,165 20,390 36,800 7,385 14,000 16,6	DCD2420 10 4.69 10,765 36,300 36,300 0 0 0 0 0 0 0 0 0 0 0 0
Lbs. 3 HP 10,850 20,425 26,040 30,000 9,380 17,655 22,520 5 HP 18,515 30,000 16,010 30,000	DCD2420 10 4.69 10,765 36,300 36,300 0 0 0 0 0 0 0 0 0 0 0 0

Important Note: DCD models may lower under load. Brake motors or external locking systems are recommended.



Note: Drawings are artist's conception - not for certification; dimensions are subject to change without notice.

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