

POWERJACKS-USA
FAST DELIVERY PROGRAM
PONY EXPRESS



Screw Jacks

www.pjusa-ponyexpress.com



POWERJACKS-USA
PRECISION ACTUATION

- **PONY EXPRESS INVENTORY Dearborn MI**
- **Note (**) Possible Custom Travel Available**

E SERIES UPRIGHT TRANSLATING JACKS

(i) QTY 4, EMT0005-U001100-0153-EB00-0000	1000 lb	jack with 6 in stroke
(ii) QTY 4, EMT0005-U001100-0305-EB00-0000	1000 lb	jack with 12 in stroke
** (iii) QTY 4, EMT0010-U001100-0153-EB00-0000	2000 lb	jack with 6 in stroke
** (iv) QTY 4, EMT0010-U001100-0305-EB00-0000	2000 lb	jack with 12 in stroke
** (v) QTY 4, EMT0025-U001100-0153-EB00-0000	5000 lb	jack with 6 in stroke
** (vi) QTY 4, EMT0025-U001100-0305-EB00-0000	5000 lb	jack with 12 in stroke
** (vii) QTY 4, EMT0025-U001100-0457-EB00-0000	5000 lb	jack with 18 in stroke
(viii) QTY 4, EMT0050-U001100-0457-EB00-0000	10000 lb	jack with 18 in stroke

E SERIES INVERTED TRANSLATING JACKS

** (ix) QTY 4, EMT0010-I001100-1000-EB00-00000	2000 lb	jack with 39.37 in stroke
** (x) QTY 4, EMT0025-I001100-1000-EB00-00000	5000 lb	jack with 39.37 in stroke

C SERIES TRANSLATING JACKS

** (xi) QTY 4, CMT0010-C001100-0457-EB00-0000	2000 lb cubic jack with 18 in stroke
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ACCESSORIES

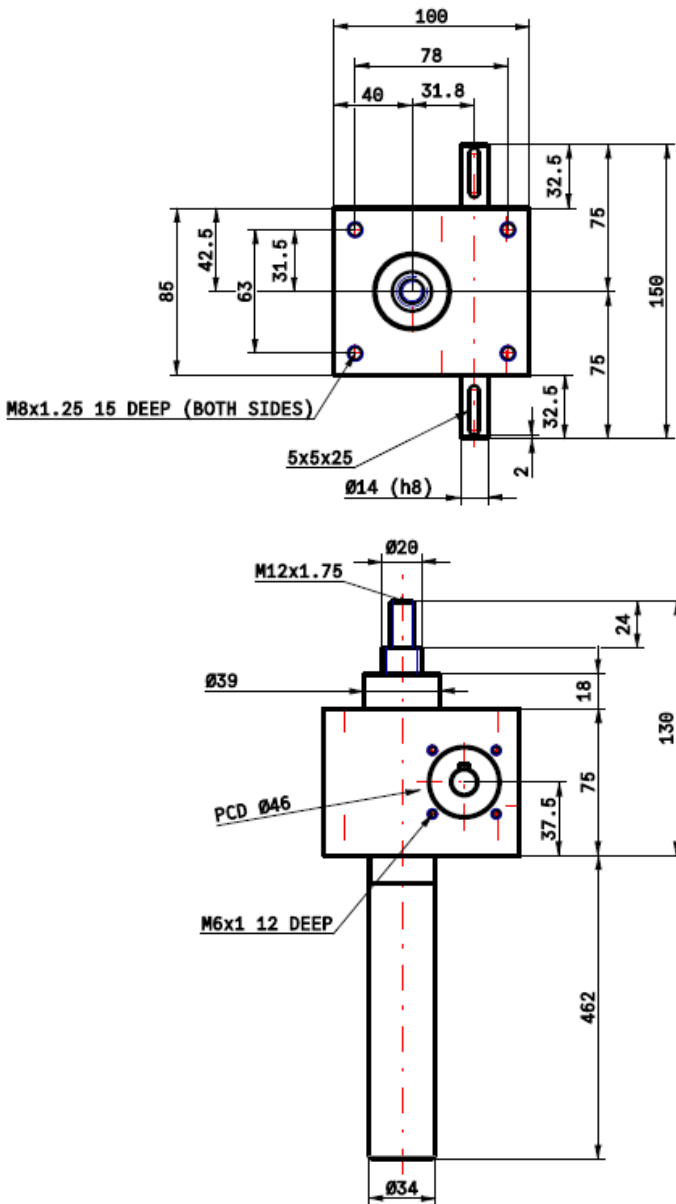
- (xii) QTY 2, L2035, 0.5Tonne Hand Wheel 98mm DIA
- (xiii) QTY 2, L2036, 1Tonne Hand Wheel 157mm DIA
- (xiv) QTY 2, L2037, 2.5Tonne Hand Wheel 198mm DIA
- (xv) QTY 2, L2038, 5Tonne Hand Wheel 247mm DIA
- ** (xvi) QTY 4, L0005R, 2M long Raw Machine Screw, 1T, 5mm Lead
- ** (xvii) QTY 4, L0010R, 2M long Raw Machine Screw, 2.5T, 6mm Lead
- (xviii) QTY 4, F814215, 2.5Tonne Clevis End
- (xiv) QTY 4, SKE2555-6, 0.5Tonne Top Plate
- (xv) QTY 4, SKE2501-6, 1Tonne Top Plate
- (xvi) QTY 4, SKE1802-6, 2.5Tonne Top Plate
- (xvii) QTY 4, SKE1805-6, 5Tonne Top Plate





Translating

MODEL: CMT0010-C001100-0457-EB00-0000



Performance

Screw Jack Model		CM-0010	
Capacity	kN	10	
Lead Screw	Diameter (mm)	20	
	Lead (mm)	5	
Gear Ratios	Option 1	5:1	
Turn of worm for travel of lead screw	Option 1	1 Turn	1mm
			2mm
Maximum Input Power (kW)	Option 1	0.375	
Start up torque at full load (Nm)	Option 1	6.8	
		3.0	
Maximum Through Torque (Nm)	Option 1	20.4	
Static Efficiency	Option 1	0.236	
Dynamic Efficiency	Option 1	0.306	
Lead Screw Restraining Torque (Nm)	-	22	
Worm Shaft Radial Load (N)		325	
Maximum Input Speed (rpm)	-	1800	
Gear Case Material		Aluminium	
Weight (kg) – stroke = 150mm	Translating	3.0	
	Rotating	3.1	
Weight (kg) – per extra 25mm	Translating	0.11	
	Rotating	0.05	



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5kN

POWERJACKS

Translating Screw



Upright

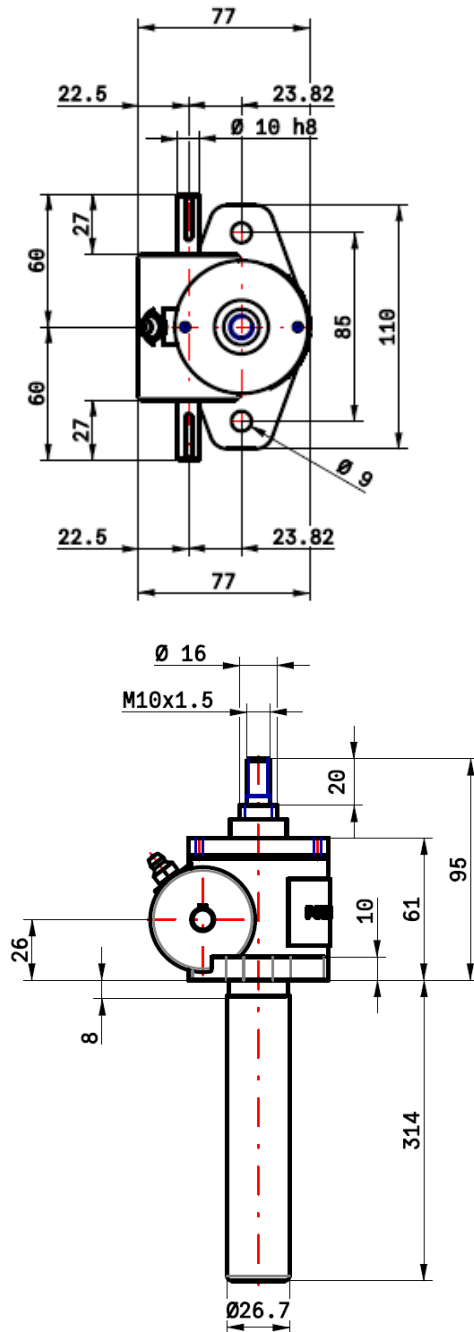


Inverted

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Upright, Translating

MODEL: EMT0005-U001100-0305-EB00-0000



Performance

Model		EMT0005 EMR0005	
Capacity	kN	5	
Lifting Screw	Diameter (mm)		16
	Lead	Option 1	1
		mm	3
Gear Ratio Option 1	Gear Ratio		5:1
	Static Efficiency		0.189
	Dynamic Efficiency		0.252
Max. Input power (kW)	Gear Ratio Option 1		0.25
Start up torque at full load (Nm)	Gear Ratio Option 1		2.5



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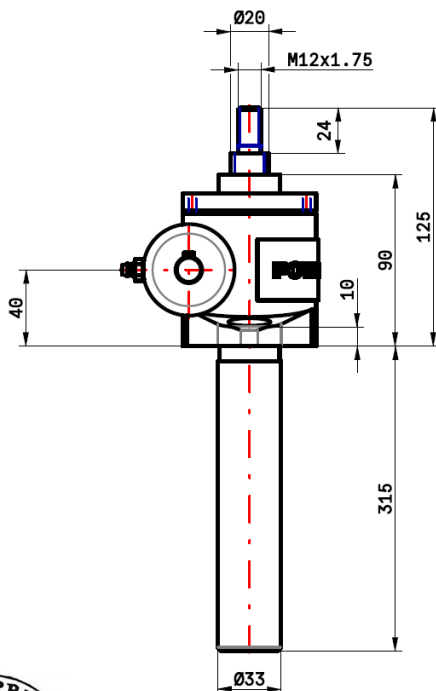
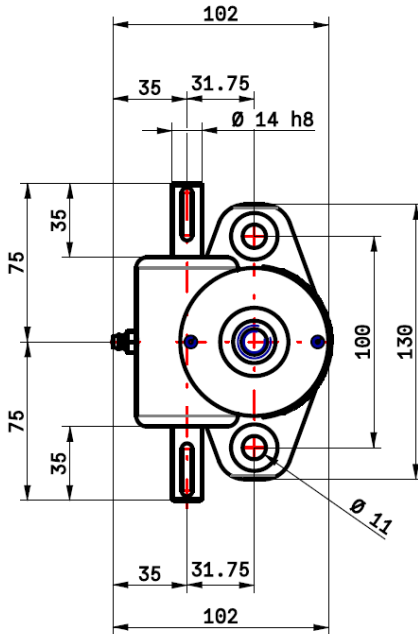
Upright



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Upright, Translating

MODEL: EMT0010-U001100-0305-EB00-0000



Performance

Model		EMT0010 EMR0010	
Capacity	kN	10	
Lifting Screw	Diameter (mm)		20
	Lead	Option	1
		mm	5
Gear Ratio Option 1	Gear Ratio		5:1
	Static Efficiency		0.233
	Dynamic Efficiency		0.306
Max. Input power (kW)	Gear Ratio Option 1		0.375
Start up torque at full load (Nm)	Gear Ratio Option 1		6.8



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Translating Screw



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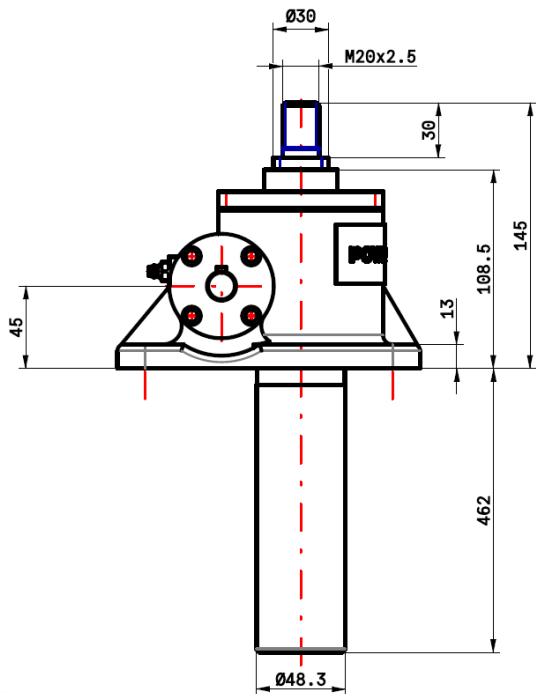
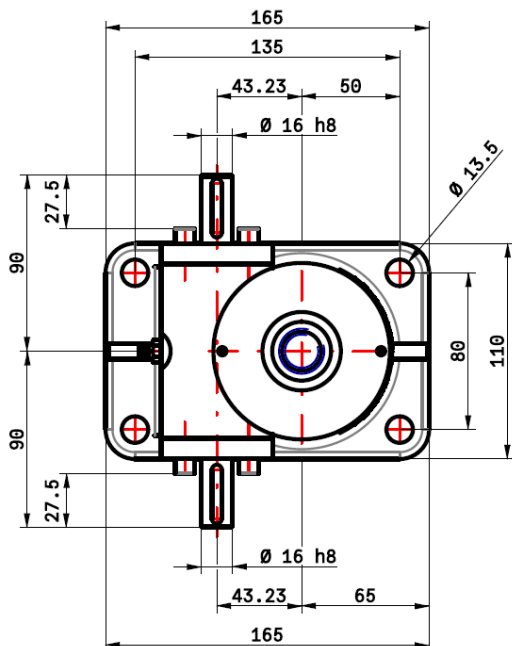


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MODEL: EMT0025-U001100-0457-EB00-0000



Performance

Model			EMT0025 EMR0025	
Capacity	kN		25	
Lifting Screw	Diameter (mm)		30	
	Lead	Option	1	
		mm	6	
Gear Ratio Option 1	Gear Ratio		6:1	
	Static Efficiency		0.201	
	Dynamic Efficiency		0.264	
Max. Input power (kW)	Gear Ratio Option 1		1.5	
Start up torque at full load (Nm)	Gear Ratio Option 1		19.8	



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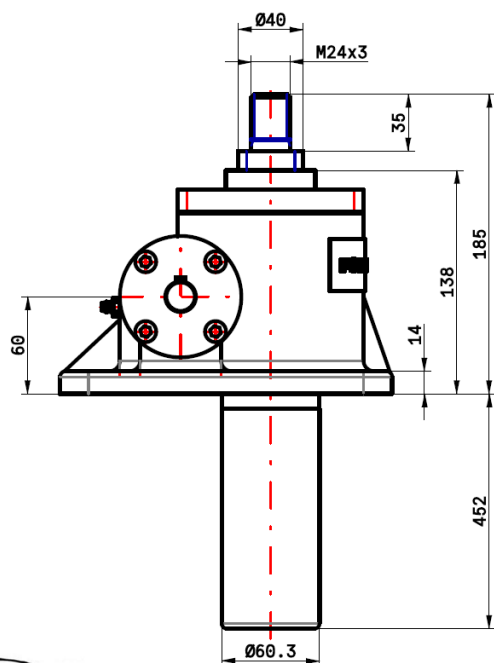
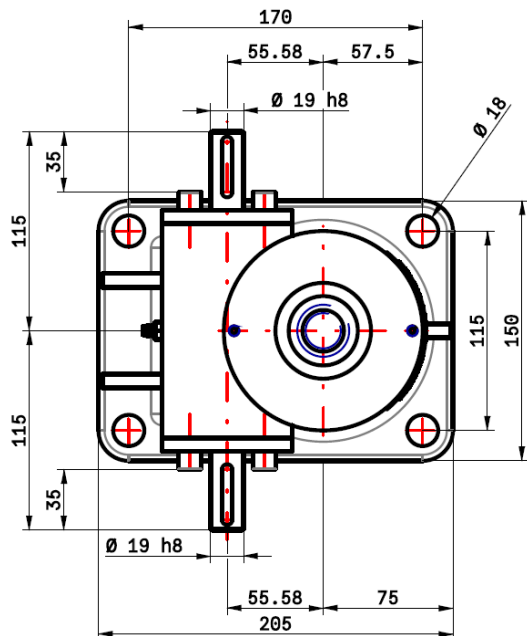
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Upright, Translating

MODEL: EMT0050-U001100-0457-EB00-0000



Performance

Model		EMT0050 EMR0050	
Capacity	kN	50	
Lifting Screw	Diameter (mm)		40
	Lead	Option	1
		mm	9
Gear Ratio Option 1	Gear Ratio		6:1
	Static Efficiency		0.213
	Dynamic Efficiency		0.281
Max. Input power (kW)	Gear Ratio Option 1		3.0
Start up torque at full load (Nm)	Gear Ratio Option 1		56



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