

SIJIE INDUSTRIAL CO., LTD

[Screw Jack, Bevel Gearbox, Couplings Manufacturer](#)

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SJW Series Machine Screw Jack Pictures





SJW Series Machine Screw Jack Specifications

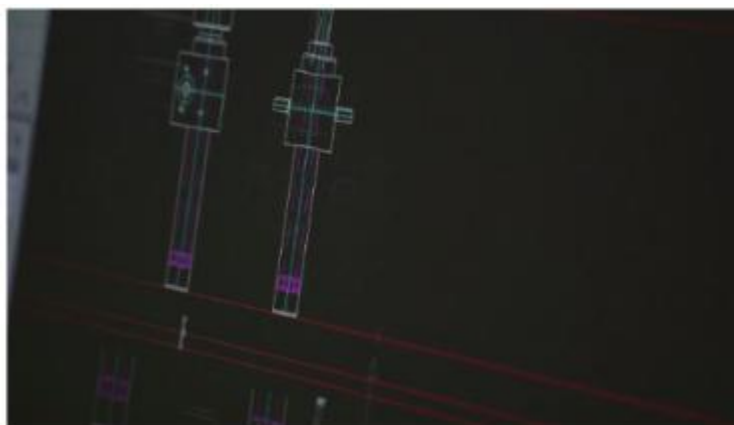
Specifications								
Model	SJW-010	SJW-025	SJW-050	SJW-100	SJW-150	SJW-200	SJW-300	SJW-500
Max. Lifting Load (KN)	9.8	24.5	49.0	98.0	147	196	294	490
Outer Dia. Of Screw (mm)	20	26	40	50	55	65	85	120
Root Dia. Of Screw (mm)	14.8	19.7	30.5	38.4	43.4	51.3	67	102
Thread Pitch (mm)	4	5	8	10	10	12	16	16
Gear Ratio (H)	1/5	1/6	1/6	1/8	1/8	1/8	3/32	3/32
Screw Travel(mm) Per Turn Of Worm Shaft	0.80	0.83	1.33	1.25	1.25	1.50	1.50	1.50
Efficiency % (H)	21	21	22	22	20	20	19	15
Gear Ratio (L)	1/20	1/24	1/24	1/24	1/24	1/24	1/32	1/32
Screw Travel(mm) Per Turn Of Worm Shaft	0.20	0.21	0.33	0.42	0.42	0.50	0.50	0.50
Efficiency % (L)	12	12	14	15	14	13	11	10
No-Load Torque (N.m)	0.29	0.62	1.4	2.0	2.6	3.9	9.8	19.6
Max. Permissible Input Power (KW) (H)	0.49	1.0	2.0	2.8	3.1	5.0	8.4	13.4
Max. Permissible Input Power (KW) (L)	0.36	0.46	0.63	1.4	2.2	3.2	4.6	5.7
Permissible Input Torque	19.6	49.0	153.9	292.0	292.0	292.0	735.0	1372.0

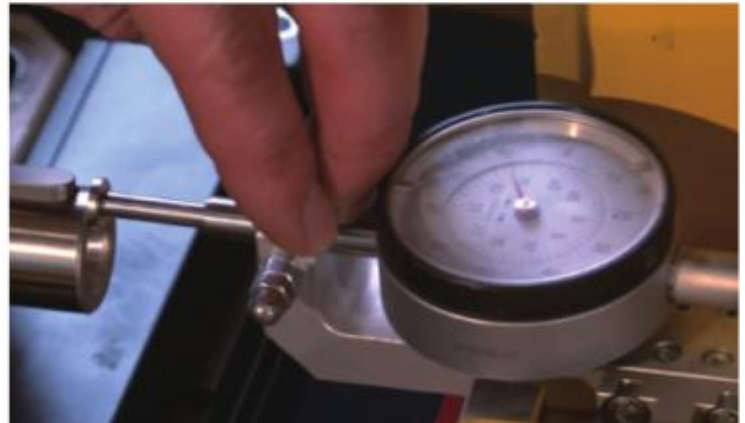
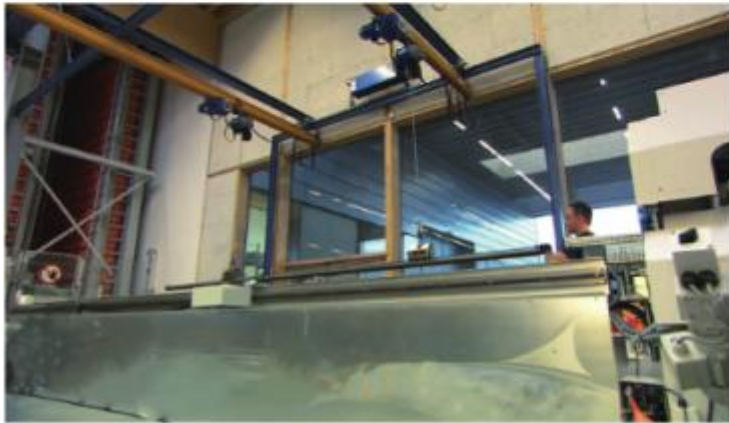
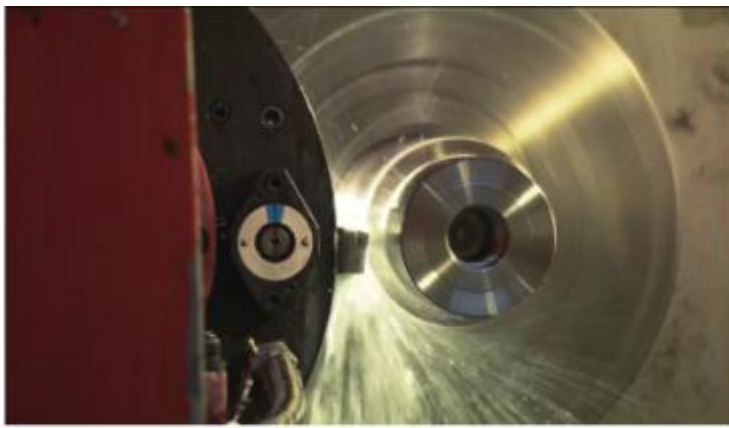
Max. Load, Required Input Torque (N.m) (H)	6.2	16.1	48.7	90.7	149.0	238.1	400.1	856.0
Max. Load, Required Input Torque (N.m) (L)	2.9	7.4	20.0	45.3	72.3	124.0	244.0	453.3
Max. Load, Permissible Input Speed(rpm) (H)	750	600	400	300	200	200	200	150
Max. Load, Permissible Input Speed(rpm) (L)	1200	600	300	300	290	250	180	120
Max. Load, Lifting Screw Output Torque(N.m)	20.1	65.1	201.5	503.6	813.2	1287.7	2531.9	5551.3
Remarks: Efficiency is under grease lubrication								

SJW Series Machine Screw Jack Applications



Design, Produce And Testing





SJW Series Machine Screw Jack Ordering Guide Information

SJW - 010 - US - T - C - 1/6 - 300 - Y
1 2 3 4 5 6 7 8

1. Jack Series

SJ: "SIJIE" brand screw jack

W series machine screw jack

2. Jack Model

SJW-010, SJW-025, SJW-050, SJW-100, SJW-150, SJW-200, SJW300, SJW-500, SJW-750, SJW-1000

Before selecting SJW machine screw jack, please check above [SJW Machine Screw Jack Specifications](#).

3: Screw Configuration & Mounting Orientation

US: Upright translating screw

UK: Upright keyed screw

UR: Upright rotating screw

IS: Inverted translating screw

IK: Inverted keyed screw

IR: Inverted rotating screw

Note: US, IS (Screw rotation, do axial motion) UK, IK (Screw anti-rotation, do axial motion)

UR,IR(Screw fixed rotation, traveling nut do axial motion)



4: Screw Top End

T: Top plate	H: Clevis end	S: Thread end	R: Plain end	SH: Spherical hinge	U: Forked head
					
Top plate	Clevis end	Thread end	Plain end	Spherical hinge	Forked head

5: Worm Shaft Input Types

A: Right side worm shaft input.

B: Left side worm shaft input.

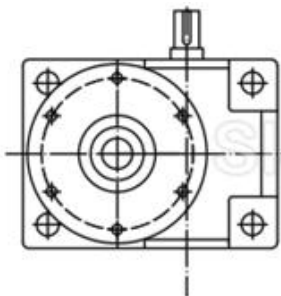
C: double worm shaft input.

M1: right side motor flange direct input, left side worm shaft input.

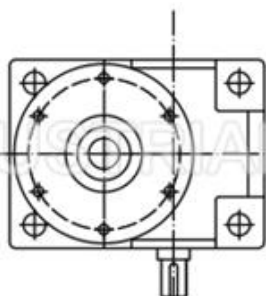
M2: right side motor flange direct input.

M3: left side motor flange direct input, right side worm shaft input.

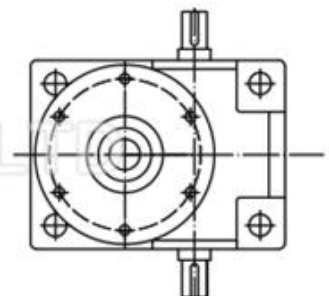
M4: left side motor flange direct input



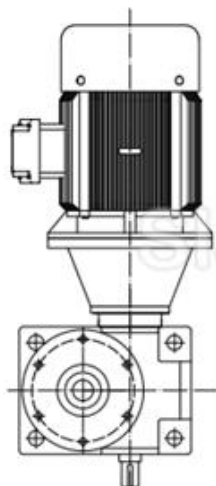
A



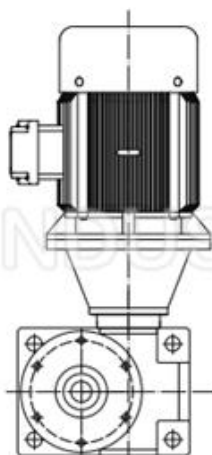
B



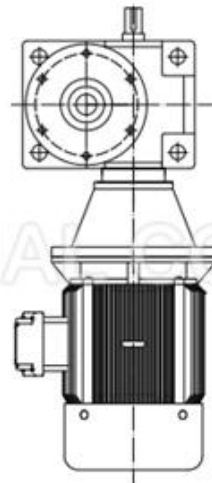
C



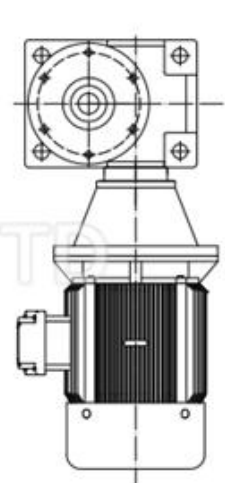
M1



M2



M3



M4

6: Gear Ratio:

SJW-010: 1/5, 1/20.

SJW-025: 1/5, 1/20.

SJW-050: 1/6, 1/24.

SJW-100: 1/8, 1/24

SJW-150: 1/8, 1/24

SJW-200: 1/8, 1/24

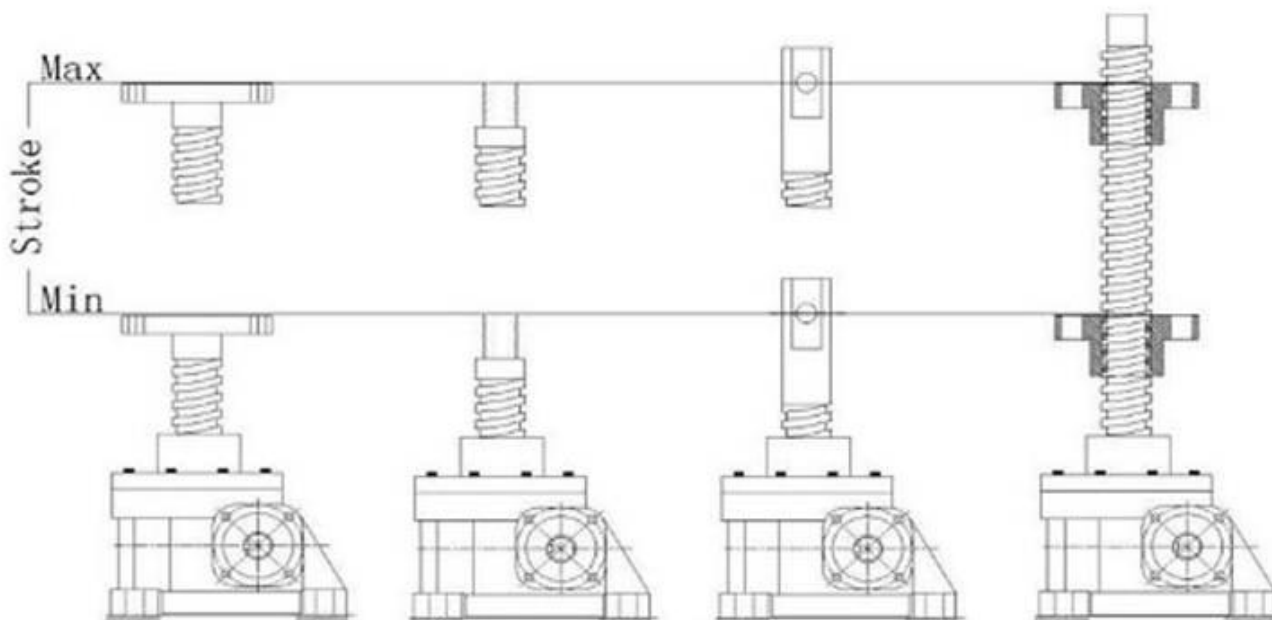
SJW-300: 3/32, 1/32.

SJW-500: 3/32, 1/32.

SJW-750: 3/32, 1/32.

SJW-1000: 1/12, 1/36

7: Travel Stroke



8: Accessories

N: Standard Jack, No additional accessories

P: Protective Tube

R: Dust Cover

Y: Hand Wheel

Other accessories, please check below picture



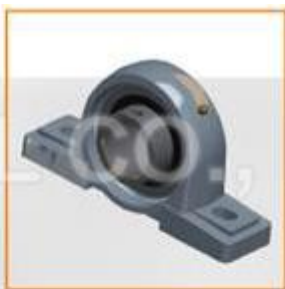
Couplings



Hand Wheel



Motor Flange



Pillow block bearing



Mounting base



Mounting brackets



Safety nuts



Connecting shafts



Dust cover



Spiral dust cover



Articulated protective tube



Reducer



Electric Motor



Proximity limit switch



Encoder



Pull limit switch



Grating ruler



Electromagnetic clutch



Digital display controller



Automatic oiler

More products SIJIE Provides:



Worm Gear Screw Jack



Couplings



Acme screw with nut