



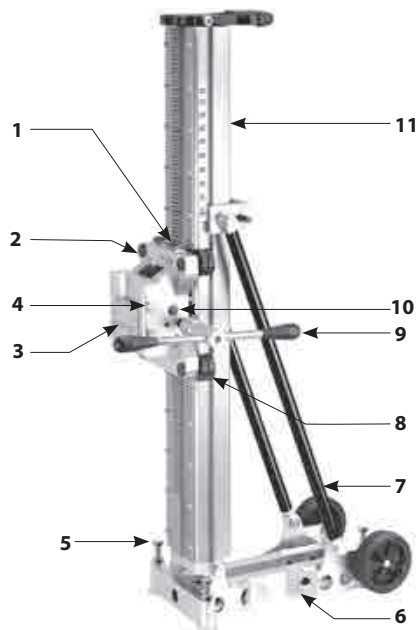
GEBRUIKSAANWIJZING

Statief CDS170

V1-2018

Model	800mm Model	500mm Model	350mm Model	250mm Model
Capacity w/o extension spacers (mm)	Ø350	Ø350	Ø300	Ø250
Max. Capacity with extension spacers (mm)	Ø800	Ø500	352	N/A
Effective Stroke(mm)	760	690	660	660
Dimensions (LxWxH)(mm)	555 x 275 x 1035	480 x 240 x 1025	435 x 245 x 984	400 x 245 x 984
Net Weight(Not Including crank handle)(kg)	26.5kg (58.42 Lbs)	19.08kg (41.97 Lbs)	16.6kg (36.52 Lbs)	14.9kg (31.68 Lbs)

1. Carriage Lock Lever
2. Adjustable Roller Axle Bolts
(on left side only)
3. Cradle
4. Cradle Lock Bolt
5. Leveling Bolts
6. Base
7. Buttress Bar
8. Guidance Roller
9. Crank Handle (Mounts on either side and
also doubles as a wrench for the Angle
Lock Clamp Bolt)
10. Clamp Bolt
11. Column



800mm Model

PS:

800mm /2M Model:

11. 2M column (1760mm stroke)

800mm /2.5M Model:

11. 2.5M column (2260mm stroke)

500mm /1.6M Model :

11. 1.6M column (1390mm stroke)

Optional: _____



160mm Water
Collector



Anchoring Plate
For 170, 250, 350, 500, and
800mm steel base models

EXTENSION SPACERS



200mm



150mm



100mm



45mm



200mm Model
Extension Mast Bracket

Model	200mm Model	170mm Model	250mm Aluminum Model
Capacity w/o extension spacers (mm)	Ø202	Ø170	Ø250
Max. Capacity with extension spacers (mm)	N/A	N/A	N/A
Effective Stroke(mm)	500	540	615
Dimensions (LxWxH)(mm)	361 x 250 x 890	460 x 215 x 815	360 x 240 x 960
Net Weight(Not including crank handle)(kg)	10.5kg (23.1 Lbs)	10.1kg (22.27 Lbs)	13.5kg (29.76 Lbs)



500 mm Model



350 mm Model



250 mm Model



200 mm Model



170 mm Model

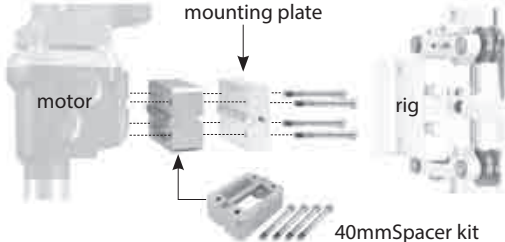


250mm Aluminum Model

Optional:



60mm clamp bracket for mounting hand-held drilling motors. Bolts directly to the standard mounting spacer



DIAMOND CORE DRILL STAND

Introduction:

This drill stand is designed to mount diamond core drilling motors by using a suitable mounting plate or clamp bracket. A standard 4 bolt mounting spacer is included with larger stands and a 60mm clamp bracket is provided with smaller stands. The drill stand guides the motor and diamond core bit so that it is possible to drill perfectly straight cuts in a safe and controlled manner.

The stand is also able to slant so that holes may be cored at an angle as required.

This stand must be securely fastened to the workpiece using a concrete anchor and fixing kit

WARNING: Do not attempt to use this stand if the mounting system does not fit perfectly to the drilling motor.

MOUNTING THE MOTOR TO THE DRILL STAND

Rig-Mounted Type Motors:

If the drill motor is the 4 bolt rig-mounted type, the drill stand's mounting plate must be bolted to the drill motor. The mounting tenon must fit securely in the slot in the back of the drill motor, then evenly tighten the four bolts.

This mounting plate now acts as a secure and accurate coupling between the drill motor and the drill stand.

The mounting plate now fits in the dovetail in the stand's cradle and is secured by the cradle lock bolt.

Hand-Held Type Motors:

If the drill motor is the hand-held type, the clamp bracket must be used. Then the motor's gearcase collar must be mounted in the clamp bracket. Generally, the drill motor's side handle will need to be first removed. To insert, first loosen the clamp bracket using the crank handle as a wrench, then insert the motor, turn to the desired orientation and then securely fasten the clamp bolt.

DRILLING STAND FUNCTIONAL DESCRIPTION

Fastening the drill rig

Once the desired position of the rig is determined, Use a concrete anchor to secure the rig.

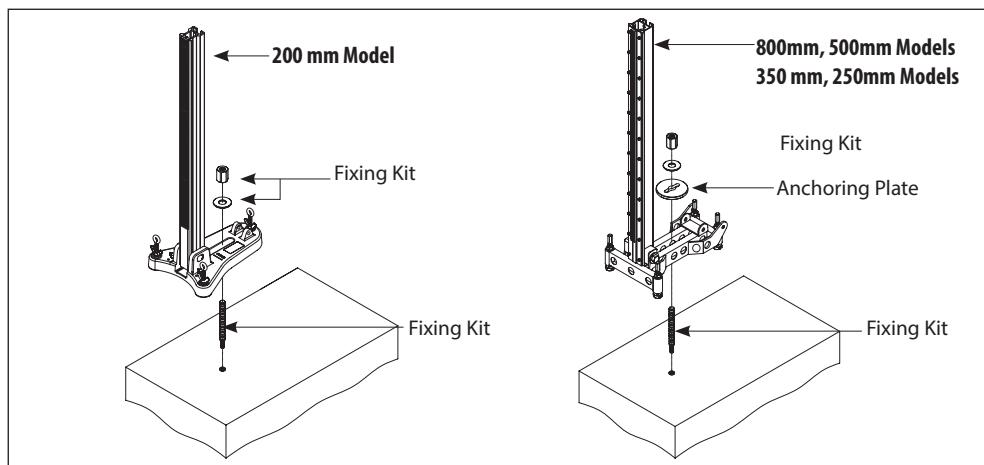
Drill a suitable sized hole for the anchor with a hammer drill.

Drive in the anchor.

Use the long threaded rod with the large washer and nut in the fixing kit to secure the base.

Before fully tightening the nut, use a spirit level to check if the stand is level. If needed, loosen the locknuts and adjust the four leveling bolts to achieve levelness. Then retighten the locknuts.

Now fully tighten the securing nut which affixes the base to the work surface.



WARNING: When anchoring to a brick surface, a special masonry anchor and brick fixing kit must be used. Using a concrete type drop-in anchor in brick could lead to the brick cracking and the anchor loosening!

NOTE: We recommend using the optional Anchoring Plate For 800mm, 500mm, 350 mm, 250mm , and 170mm models for the most secure possible fixing of the base to the workpiece. Place the anchoring plate on the base with the threaded rod through the hole. Then add the washer and nut. Tighten securely.

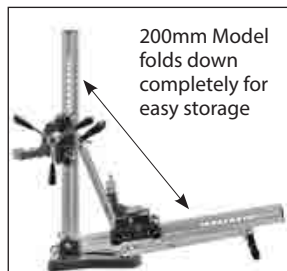
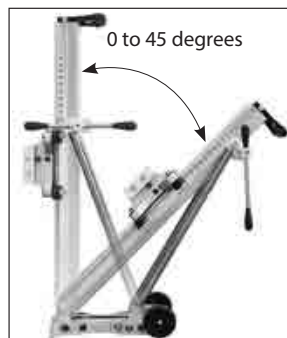
Note: If mounting on a wall, it is usually more convenient to secure the stand with the motor head removed. Using the 19mm combination wrench, loosen the cradle lock bolt on the carriage to lift the motor head up and away. Once the stand is fixed, the motor head may be re-installed on the stand. Make sure to securely tighten the cradle lock bolt(s).

ADJUSTING THE DRILLING ANGLE

The drilling angle can be tilted from 0 to 45 degrees. To adjust the angle, use the crank handle as a wrench and loosen the angle clamp bolt. Refer to the scale on the column indicating the angle. Adjust to the desired angle and tighten the clamp.

CAUTION: Do not overtighten the clamp. Only tighten the necessary amount to make the clamp secure. Overtightening could distort the column.

200mm Model folds down completely for easy storage.



CARRIAGE LOCK

On the 170mm, 250mm, 350mm, 500mm and 800mm models, Slide the carriage lock lever to the left to lock the carriage in place. Slide the lever to the right to release the carriage.

On the 200mm and 250mm Aluminum Models, the carriage lock is a screw on the right side of the carriage. Tighten to lock, loosen to release.

CAUTION: Hold the crank lever or motor head whenever releasing the carriage lock. It could slam down causing possible injury or damage to the bit or machine.

REDUCTION GEARING

On the 500mm and 800mm Models stands, there are two crank spindles:

One spindle is for for standard cranking and one for reduced gear ratio cranking.

The reduced gear ratio allows the operator to drill with greatly reduced effort when using large diameter core bits.

To switch from standard to reduced gear ratio cranking, simply remove the crank handle from the main spindle and connect to the forward spindle on the left side.

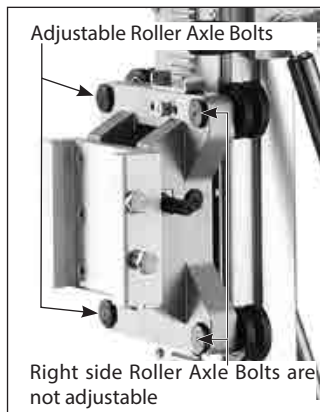
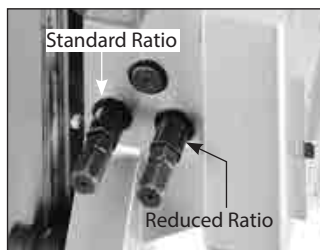
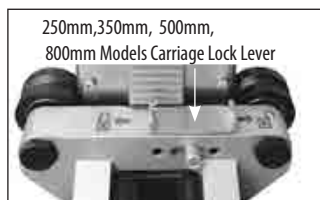
ADJUSTING THE DRILLING STAND GUIDANCE

Loose guidance will cause the bit to run out-of-true and result in poor performance, sticking and possible damage to the bit. If the rollers can be turned by hand with the carriage locked, they are too loose.

To adjust the guidance, the two guide rollers on the left side are on eccentric shafts. Turn the eccentric roller axle bolt until the clearance is taken up on each roller in turn. Turn just enough so that the roller cannot be turned by hand. Now test the tightness of the carriage by cranking it up and down. There should be no free-play, yet no binding throughout its travel.

200mm Model MOUNTING THE OPTIONAL WATER COLLECTOR RING

Mount the ring to base by aligning the 2 tabs, adjusting the height, and tightening the thumbscrews. The first time a membrane is used, it must be cut to size by the core bit. For other sizes, other membranes must be



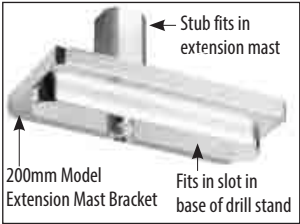
prepared in the same fashion. Connect the wet vacuum cleaner to either of the 2 ports and use the plug on the other, unused port.

REPLACING MEMBRANES

Flip the water collector ring upside down and remove the 6 screws. This will allow the membrane and the mounting ring to be removed.

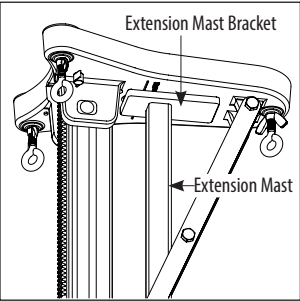
200mm Model OPTIONAL EXTENSION MAST BRACKET

The extension mast bracket serves as a stable mounting point for the extension mast to press upon. Place the extension mast on the stub of the bracket and the bracket in the slot of the base, then extend the mast to brace it against a solid immovable surface for secure fixing of the drill stand.



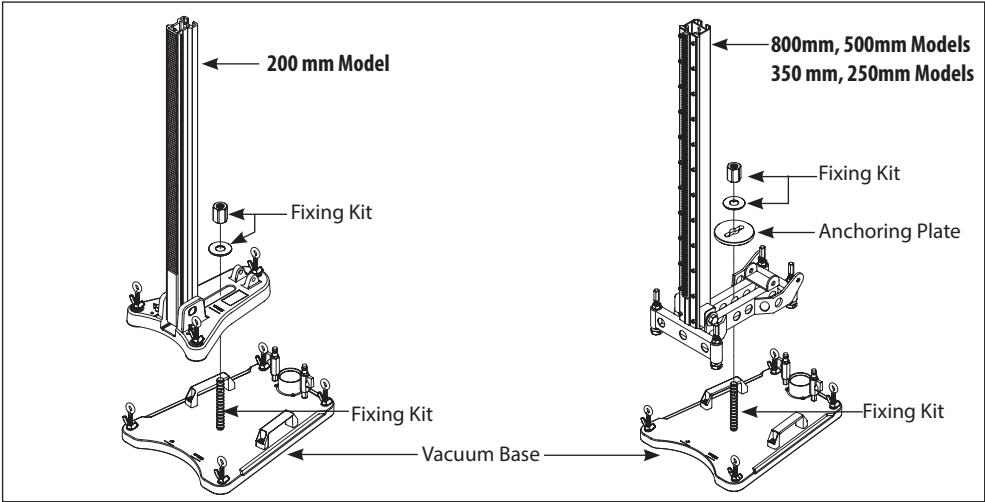
OPTIONAL VACUUM BASE

The vacuum base is available for use with the 200mm, 250mm, 350mm and 500mm Models. Use the fixing kit supplied with the vacuum base to mount the vacuum base to the base of the drill stand. The 250mm, 350mm and 500mm Models should use the anchoring plate. Place the base of the drill stand so that it is centered on the vacuum base. Follow the instructions included with the vacuum base.

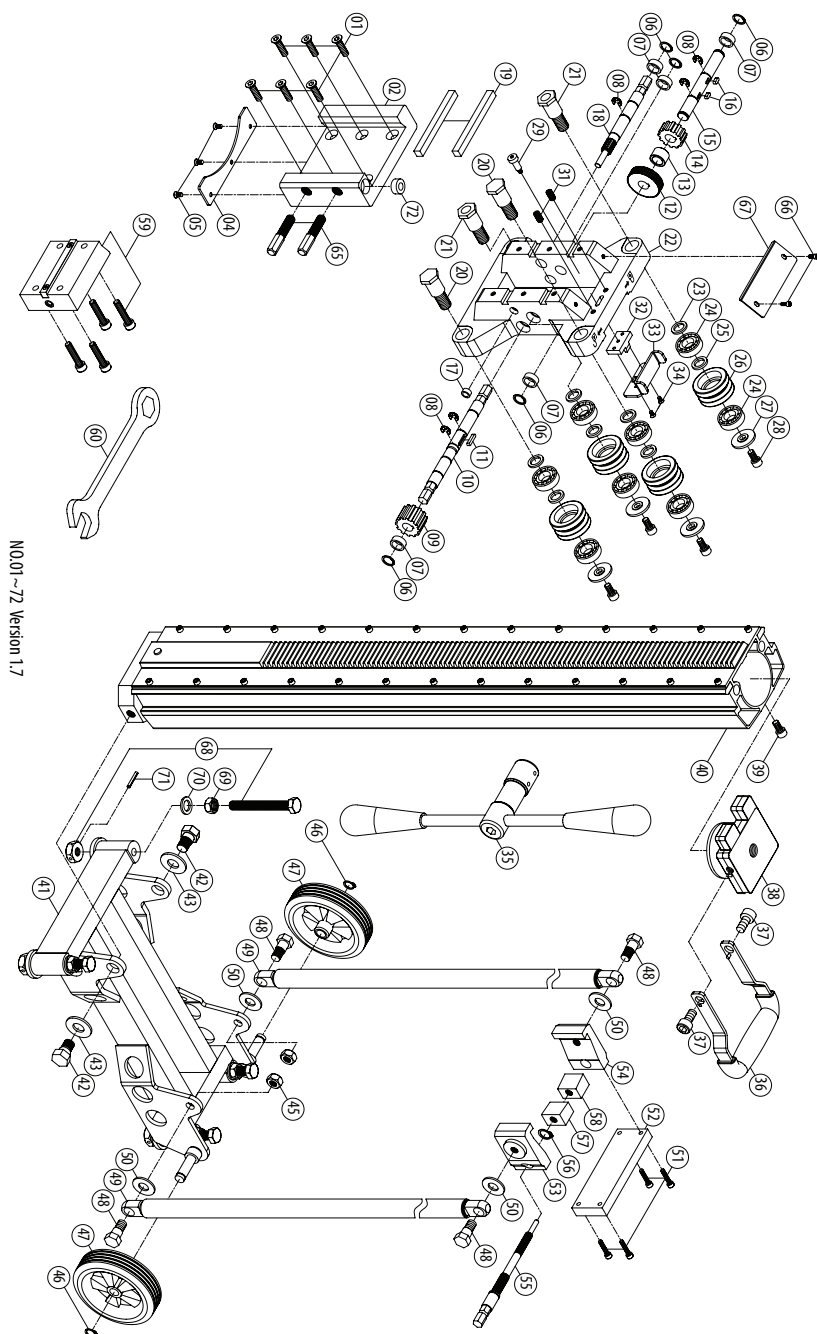


WARNING: Always use additional safety chains when drilling horizontally.

WARNING: Never drill inverted when using the vacuum base.



Exploded View (800mm/1M Model)

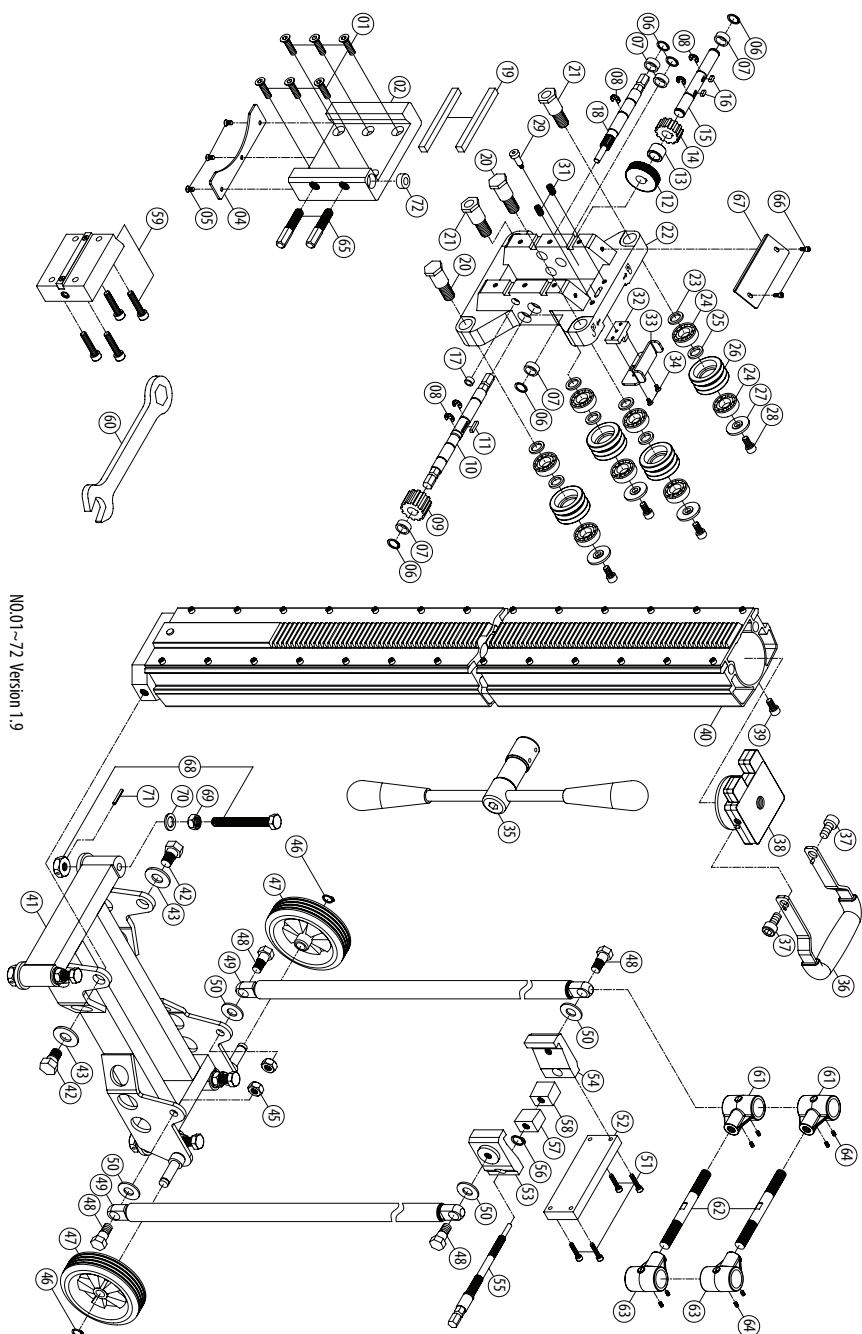


N0.01~72 Version 1.7

Parts List (800mm /1M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW M8x30	6	36	FRONT HANDLE	1
2	CRADLE	1	37	SOCKET CAP SCREW M12x16	2
3	N/A	-	38	TANK COVER LID	1
4	CRADLE PLATE	1	39	SOCKET CAP SCREW M5x10	1
5	FLAT HEAD MACHINE SCREW M5x12	3	40	COLUMN 1000MM	1
6	INTERNAL CIRCLIP IS15	5	41	BASE	1
7	BUSHING Ø15xØ20x10	5	42	SHOULDER BOLT	2
8	E-CLIP E-12	5	43	FLAT WASHER 5/8"xØ30x3	2
9	CRANK GEAR M2.5x12T	1	44	N/A	-
10	CRANK SPINDLE	1	45	NYLOCK NUT M12	2
11	PARALLEL KEY 4x4x20	1	46	EXTERNAL CIRCLIP S-13	2
12	SPINDLE GEAR M1.0x46T	1	47	WHEEL	2
13	SHAFT RACE Ø15xØ22x15	1	48	SHOULDER BOLT	4
14	SPINDLE GEAR M2.5x12T	1	49	BUTTRESS BAR 650MM	2
15	INTERMEDIATE SHAFT	1	50	FLAT WASHER Ø14.3xØ32x2.5	4
16	PARALLEL KEY 4x4x10	2	51	SOCKET CAP SCREW M5x25xP0.8	4
17	BUSHING Ø8xØ12x6	1	52	CLAMP PLATE	1
18	REDUCTION CRANK PINION	1	53	CLAMP CLAW-LEFT	1
19	MOUNTING TENON 10x10x115	2	54	CLAMP CLAW-RIGHT	1
20	AXLE SHAFT	2	55	ANDLE CLAMP BOLT	1
21	ECCENTRIC SHAFT	2	56	EXTERNAL CIRCLIP S-15	1
22	CARRIAGE	1	57	CLAMP WEDGE-LEFT	1
23	AXLE SPACER C	4	58	CLAMP WEDGE-RIGHT	1
24	BALL BEARING 6202	8	59	MOUNTING SPACER	1
25	AXLE SPACER B	4	60	COMBINATION WRENCH M19	1
26	GUIDE ROLLER	4	61~64	N/A	-
27	AXLE SPACER A	4	65	CRADLE LOCK BOLT M12	2
28	SOCKET CAP SCREW M8x16	4	66	SOCKET CAP SCREW M5x8	2
29	FENCE PIVOT BOLT M5	1	67	FENCE	1
30	N/A	-	68	LEVELING SCREW	4
31	DETENT UNIT M8	2	69	HEX NUT M12	4
32	CARRIAGE LOCK	1	70	FLAT WASHER 1/2"xØ23x2	4
33	CARRIAGE LOCK LEVER	1	71	ROLL PIN Ø4x25	4
34	FLAT HEAD MACHINE SCREW M4x8	2	72	BULLS-EYE LEVEL	1
35	CRANK HANDLE	1			

Exploded View (800mm/2M Model)

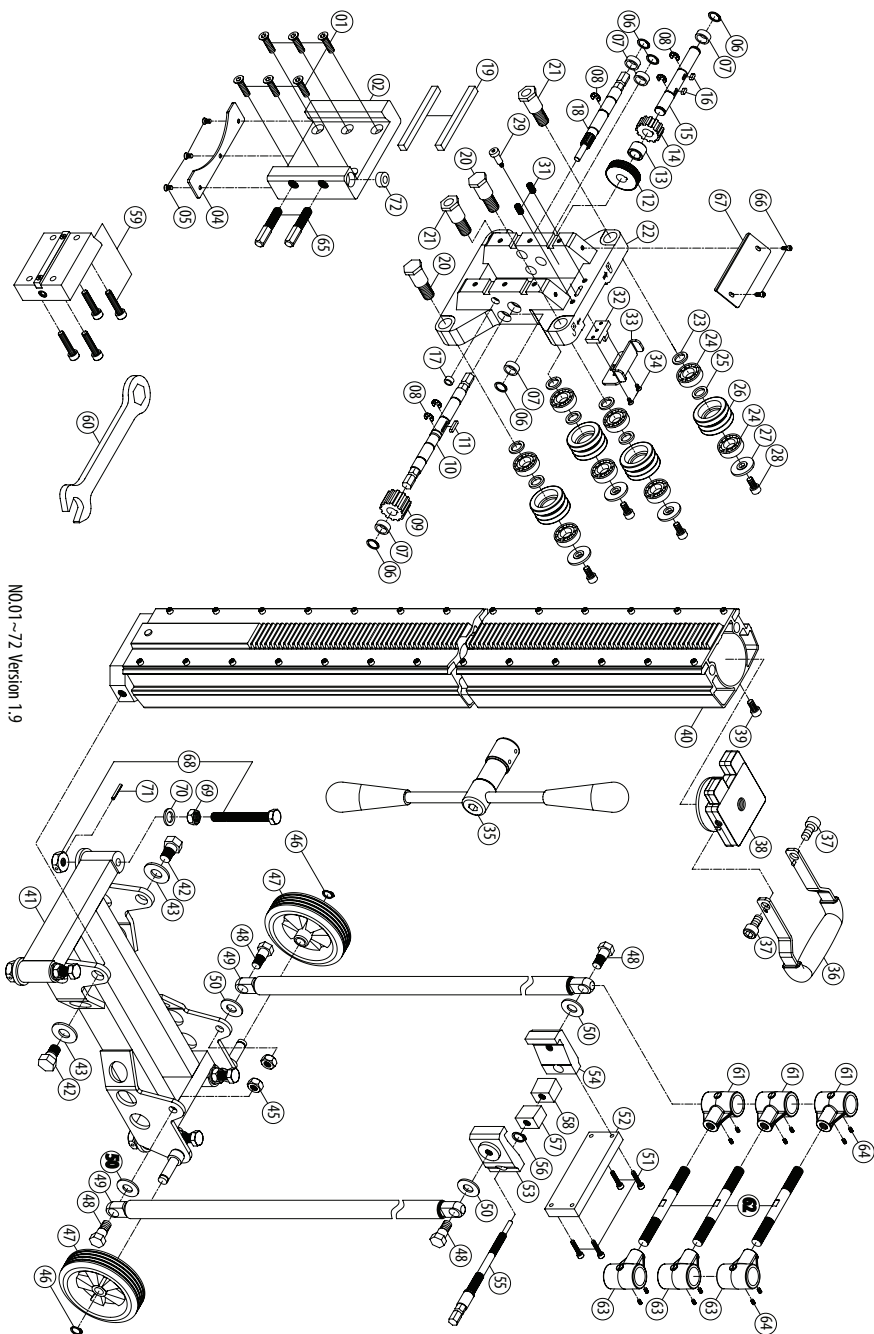


ND01~72 Version 1.9

Parts List (800mm /2M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW M8x30	6	37	SOCKET CAP SCREW (M12x16xP1.75)	2
2	CRADLE	1	38	TANK COVER LID (BLACK)	1
3	N/A	-	39	SOCKET CAP SCREW (M5x10xP0.8)	1
4	CRADLE PLATE	1	40	COLUMN (2000MM)	1
5	FLAT HEAD MACHINE SCREW M5x12	3	41	BASE	1
6	INTERNAL CIRCLIP IS15	5	42	SHOULDER BOLT	2
7	BUSHING Ø15xØ20x10	5	43	FLAT WASHER (5/8"xØ30x3)	2
8	E-CLIP E-12	5	44	N/A	-
9	CRANK GEAR M2.5x12T	1	45	NYLOCK NUT M12xP1.75	2
10	CRANK SPINDLE	1	46	EXTERNAL CIRCLIP S-13	2
11	PARALLEL KEY 4x4x20	1	47	WHEEL	2
12	SPINDLE GEAR M1.0x46T	1	48	SHOULDER BOLT	4
13	SHAFT RACE Ø15xØ22x15	1	49	BUTTRESS BAR 1000MM	2
14	SPINDLE GEAR M2.5x12T	1	50	FLAT WASHER Ø14.3xØ32x2.5	4
15	INTERMEDIATE SHAFT	1	51	SOCKET CAP SCREW M5x25	4
16	PARALLEL KEY 4x4x10	2	52	CLAMP PLATE	1
17	BUSHING Ø8xØ12x6	1	53	CLAMP CLAW-LEFT	1
18	REDUCTION CRANK PINION	1	54	CLAMP CLAW-RIGHT	1
19	MOUNTING TENON 10x10x115	2	55	ANDLE CLAMP BOLT	1
20	AXLE SHAFT	2	56	EXTERNAL CIRCLIP S-15	1
21	ECCENTRIC SHAFT	2	57	CLAMP WEDGE-LEFT	1
22	CARRIAGE	1	58	CLAMP WEDGE-RIGHT	1
23	AXLE SPACER C	4	59	MOUNTING SPACER	1
24	BALL BEARING 6202	8	60	COMBINATION WRENCH M19	1
25	AXLE SPACER B	4	61	BRACING COLLAR-L	2
26	GUIDE ROLLER	4	62	TURNBUCKLE SHAFT M14	2
27	AXLE SPACER A	4	63	BRACING COLLAR-R	2
28	SOCKET CAP SCREW M8x16	4	64	SOCKET SET SCREW M5x6	8
29	FENCE PIVOT BOLT M5	1	65	CRADLE LOCK BOLT M12	2
30	N/A	-	66	SOCKET CAP SCREW M5x8	2
31	DETENT UNIT M8x16.75	2	67	FENCE	1
32	CARRIAGE LOCK	1	68	LEVELING SCREW	4
33	CARRIAGE LOCK LEVER	1	69	HEX NUT M12	4
34	FLAT HEAD MACHINE SCREW M4x8	2	70	FLAT WASHER 1/2"xØ23x2	4
35	CRANK HANDLE	1	71	ROLL PIN Ø4x25	4
36	FRONT HANDLE	1	72	BULLS-EYE LEVEL	1

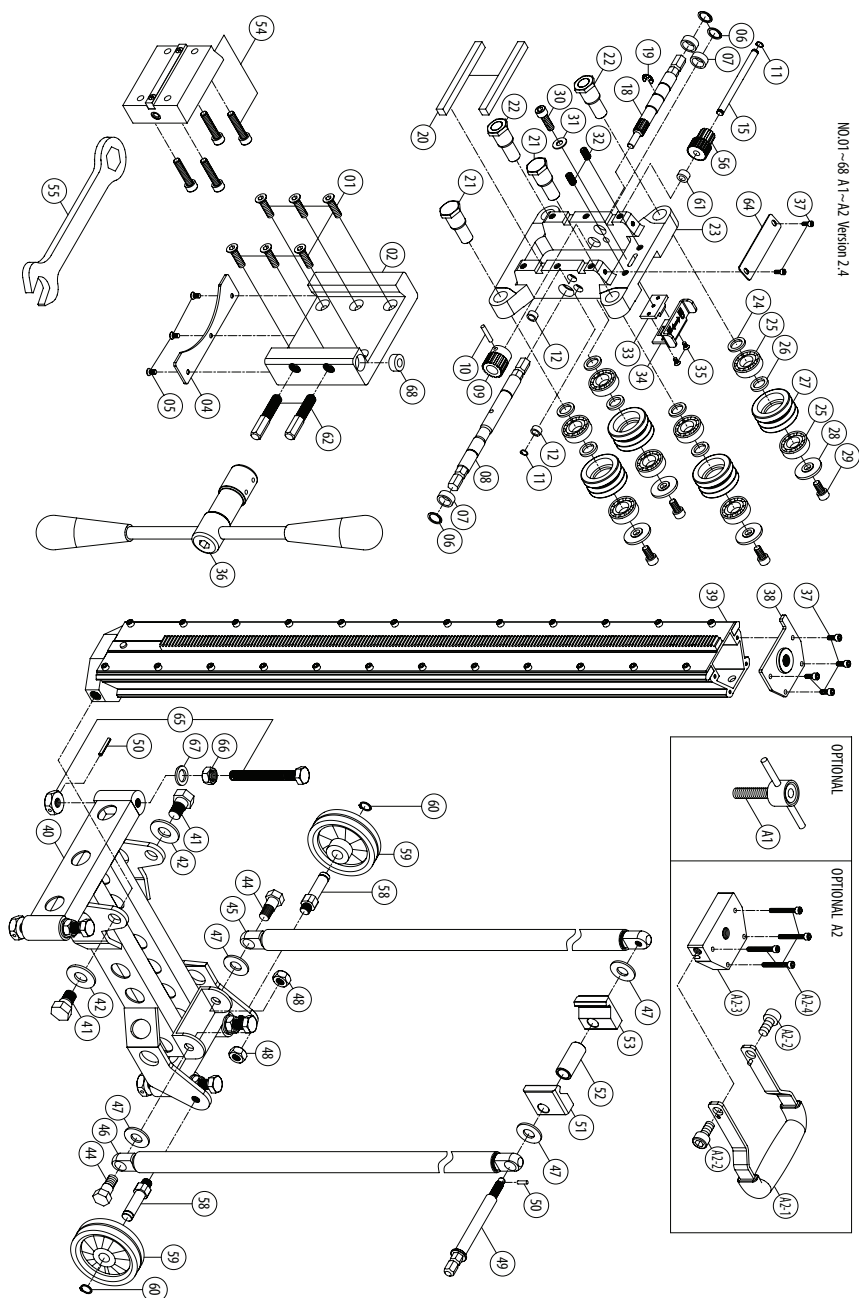
Exploded View (800mm/2.5M Model)



Parts List (800mm /2.5M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW M8x30	6	37	SOCKET CAP SCREW M12x16	2
2	CRADLE	1	38	TANK COVER LID	1
3	N/A		39	SOCKET CAP SCREW M5x10	1
4	CRADLE PLATE	1	40	COLUMN 2000MM	1
5	FLAT HEAD MACHINE SCREW M5x12	3	41	BASE	1
6	INTERNAL CIRCLIP IS15	5	42	SHOULDER BOLT	2
7	BUSHING Ø15xØ20x10	5	43	FLAT WASHER 5/8"xØ30x3	2
8	E-CLIP E-12	5	44	N/A	
9	CRANK GEAR M2.5x12T	1	45	NYLOCK NUT M12	2
10	CRANK SPINDLE	1	46	EXTERNAL CIRCLIP S-13	2
11	PARALLEL KEY 4x4x20	1	47	WHEEL	2
12	SPINDLE GEAR M1.0x46T	1	48	SHOULDER BOLT	4
13	SHAFT RACE Ø15xØ22x15	1	49	BUTTRESS BAR 1600MM	2
14	SPINDLE GEAR M2.5x12T	1	50	FLAT WASHER Ø14.3xØ32x2.5	4
15	INTERMEDIATE SHAFT	1	51	SOCKET CAP SCREW M5x25	4
16	PARALLEL KEY 4x4x10	2	52	CLAMP PLATE	1
17	BUSHING Ø8xØ12x6	1	53	CLAMP CLAW-LEFT	1
18	REDUCTION CRANK PINION	1	54	CLAMP CLAW-RIGHT	1
19	MOUNTING TENON 10x10x115	2	55	ANDLE CLAMP BOLT	1
20	AXLE SHAFT	2	56	EXTERNAL CIRCLIP S-15	1
21	ECCENTRIC SHAFT	2	57	CLAMP WEDGE-LEFT	1
22	CARRIAGE	1	58	CLAMP WEDGE-RIGHT	1
23	AXLE SPACER C	4	59	MOUNTING SPACER	1
24	BALL BEARING 6202	8	60	COMBINATION WRENCH M19	1
25	AXLE SPACER B	4	61	BRACING COLLAR-L	3
26	GUIDE ROLLER	4	62	TURNBUCKLE SHAFT M14	3
27	AXLE SPACER A	4	63	BRACING COLLAR-R	3
28	SOCKET CAP SCREW M8x16	4	64	SOCKET SET SCREW M5x6	12
29	FENCE PIVOT BOLT M5	1	65	CRADLE LOCK BOLT M12	2
30	N/A		66	SOCKET CAP SCREW M5x8	2
31	DETENT UNIT M8	2	67	FENCE	1
32	CARRIAGE LOCK	1	68	LEVELING SCREW	4
33	CARRIAGE LOCK LEVER	1	69	HEX NUT M12	4
34	FLAT HEAD MACHINE SCREW M4x8	2	70	FLAT WASHER 1/2"xØ23x2	4
35	CRANK HANDLE	1	71	ROLL PIN Ø4x25	4
36	FRONT HANDLE	1	72	BULLS-EYE LEVEL	1

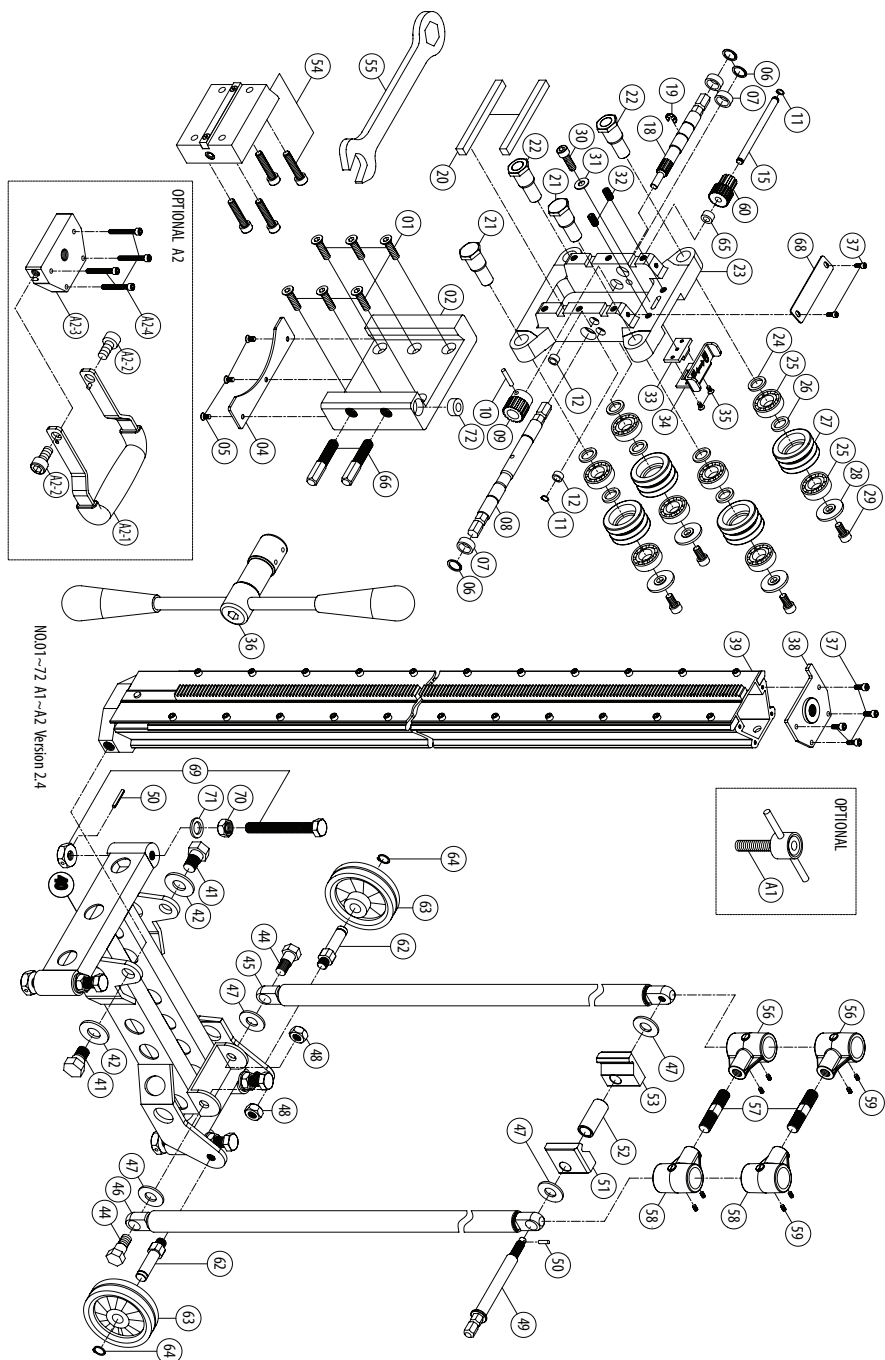
Exploded View (500mm/1M Model)



Parts List (500mm/1M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW M8x30	6	39	COLUMN 900MM	1
2	CRADLE	1	40	BASE	1
3	N/A	-	41	SHOULDER BOLT	2
4	CRADLE PLATE	1	42	FLAT WASHER 5/8"xØ30x3	2
5	FLAT HEAD MACHINE SCREW M5x12	3	43	N/A	-
6	INTERNAL CIRCLIP IS15	3	44	SHOULDER BOLT	2
7	BUSHING Ø15xØ20x10	3	45	BUTTRESS BAR L-650MM	1
8	CRANK SPINDLE	1	46	BUTTRESS BAR R-650MM	1
9	CRANK GEAR M1.5x16T	1	47	FLAT WASHER Ø14xØ32x2.5	4
10	ROLL PIN Ø5x25	1	48	NYLOCK NUT M12	2
11	EXTERNAL CIRCLIP S-8	2	49	ANGLE LOCK	1
12	BUSHING Ø8xØ12x6	2	50	ROLL PIN Ø4x25	5
13~14	N/A	-	51	CLAMP CLAW-LEFT	1
15	INTERMEDIATE SHAFT	1	52	SPACER	1
16~17	N/A	-	53	CLAMP CLAW-RIGHT	1
18	REDUCTION CRANK PINION	1	54	MOUNTING SPACER	1
19	E-CLIP E-12	1	55	COMBINATION WRENCH M19	1
20	MOUNTING TENON 10x10x115	2	56	REDUCTION GEAR SET	1
21	AXLE SHAFT	2	57	N/A	-
22	ECCENTRIC SHAFT	2	58	ROLLER AXLE	2
23	CARRIAGE	1	59	WHEEL	2
24	AXLE SPACER C	4	60	EXTERNAL CIRCLIP S-13	2
25	BALL BEARING 6202	8	61	HEAD LOCKING KNOB Ø8xØ14x7.5	1
26	AXLE SPACER B	4	62	CRADLE LOCK BOLT M12	2
27	GUIDE ROLLER	4	64	FENCE	1
28	AXLE SPACER A	4	65	LEVELING SCREW	4
29	SOCKET CAP SCREW M8x16	4	66	HEX NUT M12	4
30	SOCKET CAP SCREW M5x20	1	67	FLAT WASHER 1/2"xØ23x2	4
31	FLAT WASHER Ø5xØ12x1	1	68	BULLS-EYE LEVEL	1
32	DETENT UNIT M8	2			
33	CARRIAGE LOCK	1	A1	T-HANDLE VISE SCREW M16	1
34	CARRIAGE LOCK LEVER	1	A2	AUXILIARY HANDLE SET	1
35	FLAT HEAD MACHINE SCREW M4x6	2	A2-1	FRONT HANDLE	1
36	CRANK HANDLE	1	A2-2	SOCKET CAP SCREW M12	2
37	SOCKET CAP SCREW M5x10	4	A2-3	COLUMN CAP	1
38	COLUMN CAP	1	A2-4	SOCKET CAP SCREW M5x35	4

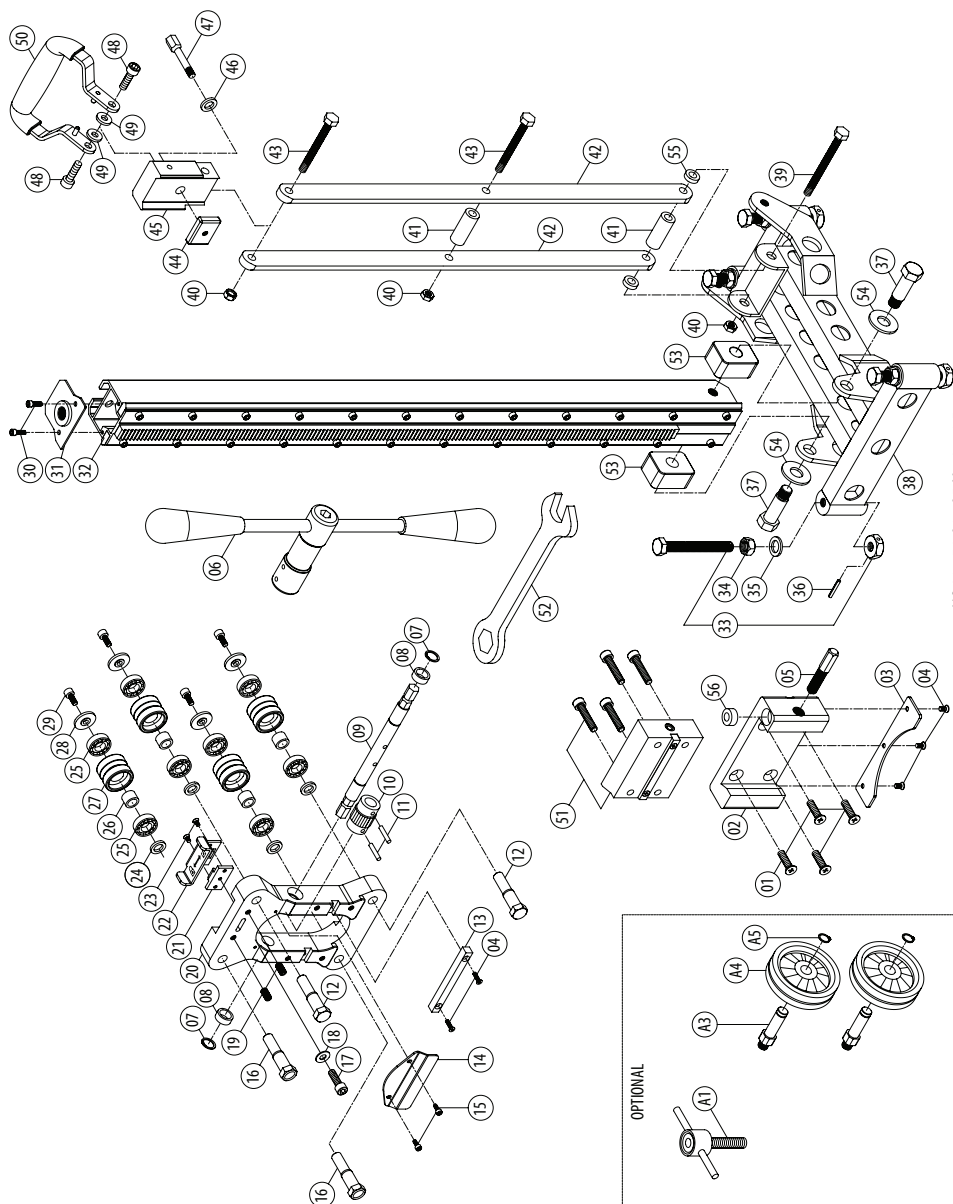
Exploded View (500mm/1.6M Model)



Parts List (500mm/1.6M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW M8x30	6	41	SHOULDER BOLT	2
2	CRADLE	1	42	FLAT WASHER 5/8"xØ30x3	2
3	N/A	-	43	N/A	-
4	CRADLE PLATE	1	44	SHOULDER BOLT	2
5	FLAT HEAD MACHINE SCREW M5x12	3	45	BUTTRESS BAR L-1000MM	1
6	INTERNAL CIRCLIP IS15	3	46	BUTTRESS BAR R-1000MM	1
7	BUSHING Ø15xØ20x10	3	47	FLAT WASHER Ø14xØ32x2.5	4
8	CRANK SPINDLE	1	48	NYLOCK NUT M12	2
9	CRANK GEAR M1.5x16T	1	49	ANGLE LOCK	1
10	ROLL PIN Ø5x25	1	50	ROLL PIN Ø4x25	5
11	EXTERNAL CIRCLIP S-8	2	51	CLAMP CLAW-LEFT	1
12	BUSHING Ø8xØ12x6	2	52	SPACER	1
13~14	N/A	-	53	CLAMP CLAW-RIGHT	1
15	INTERMEDIATE SHAFT	1	54	MOUNTING SPACER	1
16~17	N/A	-	55	COMBINATION WRENCH M19	1
18	REDUCTION CRANK PINION	1	56	BRACING COLLAR-L	2
19	E-CLIP E-12	1	57	TURNBUCKLE SHAFT M14	2
20	MOUNTING TENON 10x10x115	2	58	BRACING COLLAR-R	2
21	AXLE SHAFT	2	59	SOCKET SET SCREW M5x6	8
22	ECCENTRIC SHAFT	2	60	REDUCTION GEAR SET	1
23	CARRIAGE	1	61	N/A	-
24	AXLE SPACER C	4	62	ROLLER AXLE	2
25	BALL BEARING 6202	8	63	WHEEL	2
26	AXLE SPACER B	4	64	EXTERNAL CIRCLIP S-13	2
27	GUIDE ROLLER	4	65	HEAD LOCKING KNOB Ø8xØ14x7.5	1
28	AXLE SPACER A	4	66	CRADLE LOCK BOLT M12	2
29	SOCKET CAP SCREW M8x16	4	68	FENCE	1
30	SOCKET CAP SCREW M5x20	1	69	LEVELING SCREW	4
31	FLAT WASHER Ø5xØ12x1	1	70	HEX NUT M12	4
32	DETENT UNIT M8	2	71	FLAT WASHER 1/2"xØ23x2	4
33	CARRIAGE LOCK	1	72	BULLS-EYE LEVEL	1
34	CARRIAGE LOCK LEVER	1			
35	FLAT HEAD MACHINE SCREW M4x6	2	A1	T-HANDLE VISE SCREW M16	1
36	CRANK HANDLE	1	A2	AUXILIARY HANDLE SET	1
37	SOCKET CAP SCREW M5x10	4	A2-1	FRONT HANDLE	1
38	COLUMN CAP	1	A2-2	SOCKET CAP SCREW M12x16	2
39	COLUMN 1600MM	1	A2-3	COLUMN CAP	1
40	BASE	1	A2-4	SOCKET CAP SCREW M5x35	4

Exploded View (350mm/1M Model)

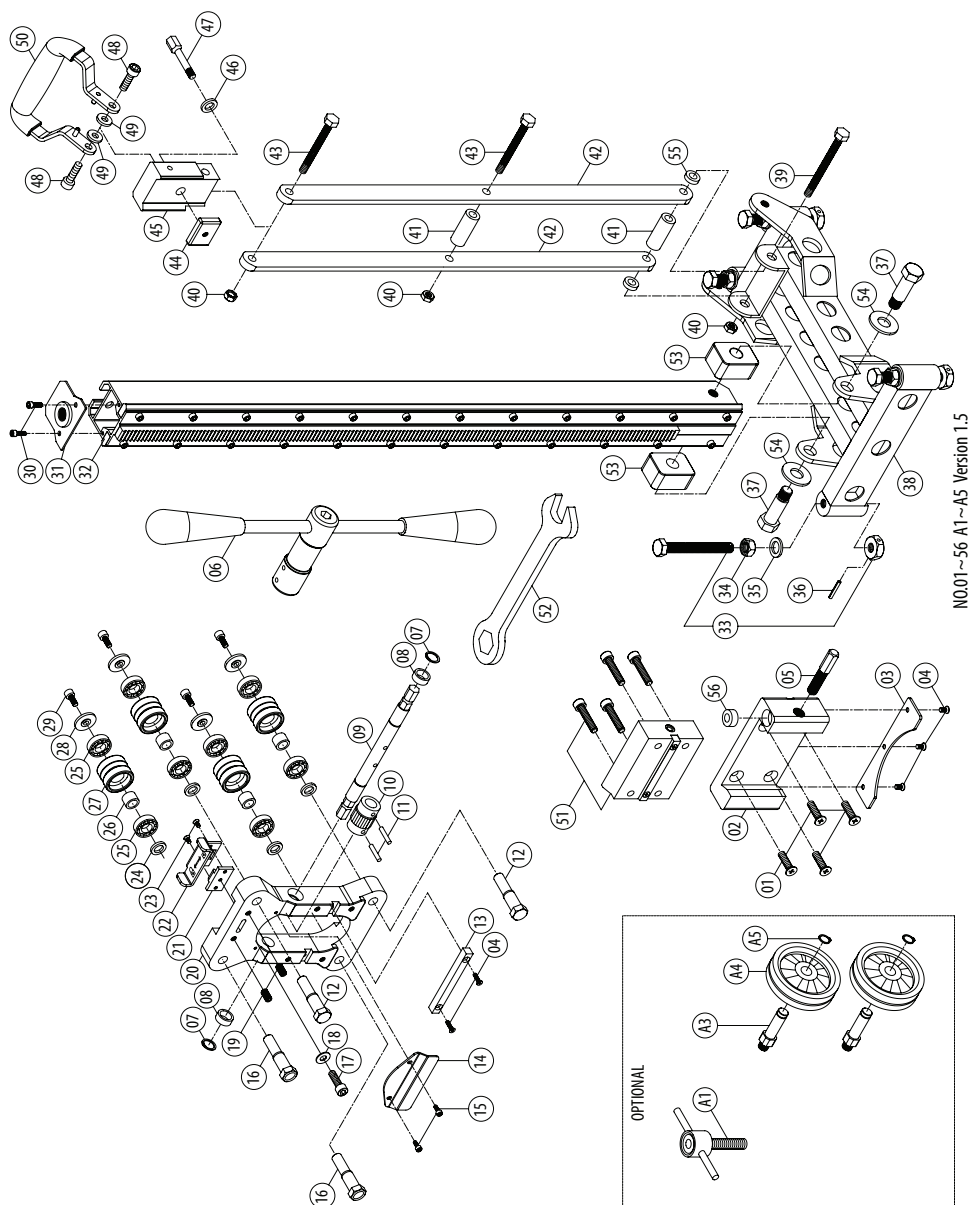


NO.01~56 A1~A5 Version 1.5

Parts List (350mm/1M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW (M8x30xP1.25)	4	32	COLUMN (900MM)	1
2	CRADLE	1	33	LEVELING SCREW	4
3	CRADLE PLATE	1	34	HEX NUT (M12xP1.75)	4
4	FLAT HEAD MACHINE SCREW (M5x10xP0.8)	5	35	FLAT WASHER (1/2"xØ23x2)	4
5	CRADLE LOCK BOLT (M12xP1.75x70L)	1	36	ROLL PIN (Ø4x25)	4
6	CRANK HANDLE	1	37	SHOULDER BOLT	2
7	INTERNAL CIRCLIP (IS15)	2	38	BASE	1
8	BUSHING (Ø15xØ20x10)	2	39	HEX BOLT (M10x90LxP1.5)	1
9	CRANK SPINDLE	1	40	NYLOCK NUT (M10xP1.25)	3
10	CRANK GEAR (M1.5x16T)	1	41	SPACER	2
11	ROLL PIN (Ø5x25)	2	42	CONNECTING SUPPORT	2
12	AXLE SHAFT	2	43	HEX BOLT (M10x75LxP1.5)	2
13	MOUNTING TENON (10x10x100)	1	44	LOCK PLATE	1
14	FENCE	1	45	BUTTRESS LOCK	1
15	SOCKET CAP SCREW (M4x8xP0.7)	2	46	FLAT WASHER (Ø10xØ23x2)	1
16	ECCENTRIC SHAFT	2	47	ANGLE LOCK CLAMP	1
17	SOCKET CAP SCREW (M5x20xP0.8)	1	48	SOCKET CAP SCREW (M8x16xP1.25)	2
18	FLAT WASHER (Ø5xØ12x1)	1	49	FLAT WASHER (Ø8xØ20x3)	2
19	DETENT UNIT (M8x16.75xP1.25)	2	50	FRONT HANDLE	1
20	CARRIAGE	1	51	MOUNTING SPACER	1
21	CARRIAGE LOCK	1	52	COMBINATION WRENCH (M19)	1
22	CARRIAGE LOCK LEVER	1	53	FOOT PLATE	2
23	FLAT HEAD MACHINE SCREW (M4x6xP0.7)	2	54	FLAT WASHER (5/8"xØ30x3)	2
24	AXLE SPACER B	4	55	SPACER	2
25	BALL BEARING (6001)	8	56	BULLS-EYE LEVEL	1
26	AXLE SPACER C	4			
27	GUIDE ROLLER	4	A1	T-HANDLE VISE SCREW (M16xP2.0)	1
28	AXLE SPACER A	4	A2	N/A	-
29	SOCKET CAP SCREW (M6x16xP1.0)	4	A3	ROLLER AXLE	2
30	SOCKET CAP SCREW (M5x10xP0.8)	2	A4	WHEEL	2
31	COLUMN CAP	1	A5	EXTERNAL CIRCLIP (S-13)	2

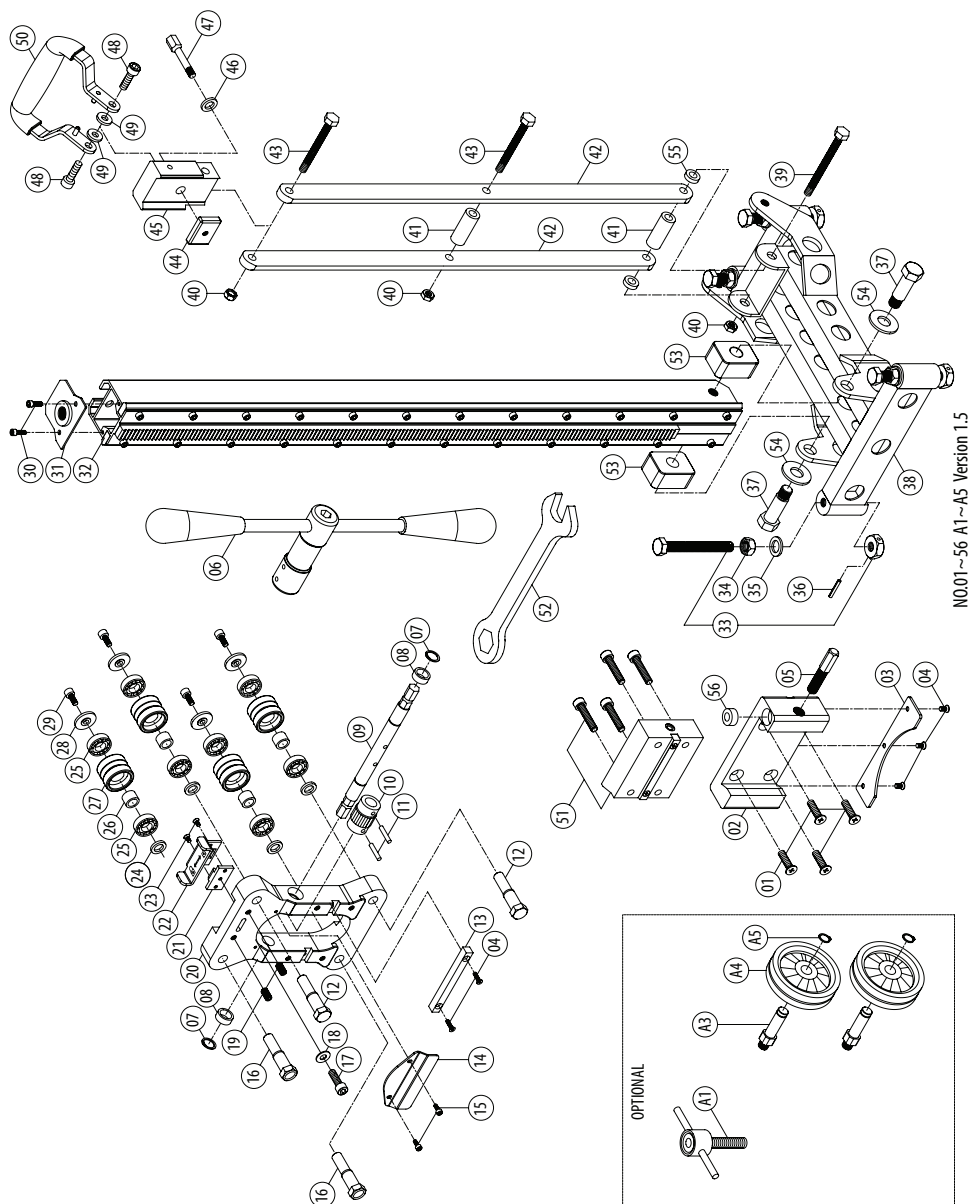
Exploded View (350mm/1.5M Model)



Parts List (350mm/1.5M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW (M8x30xP1.25)	4	32	COLUMN (1500MM)	1
2	CRADLE	1	33	LEVELING SCREW	4
3	CRADLE PLATE	1	34	HEX NUT (M12xP1.75)	4
4	FLAT HEAD MACHINE SCREW (M5x10xP0.8)	5	35	FLAT WASHER (1/2"xØ23x2)	4
5	CRADLE LOCK BOLT (M12xP1.75x70L)	1	36	ROLL PIN (Ø4x25)	4
6	CRANK HANDLE	1	37	SHOULDER BOLT	2
7	INTERNAL CIRCLIP (IS15)	2	38	BASE	1
8	BUSHING (Ø15xØ20x10)	2	39	HEX BOLT (M10x100LxP1.5)	1
9	CRANK SPINDLE	1	40	NYLOCK NUT (M10xP1.25)	3
10	CRANK GEAR (M1.5x16T)	1	41	SPACER	2
11	ROLL PIN (Ø5x25)	2	42	CONNECTING SUPPORT	2
12	AXLE SHAFT	2	43	HEX BOLT (M10x75LxP1.5)	2
13	MOUNTING TENON (10x10x100)	1	44	LOCK PLATE	1
14	FENCE	1	45	BUTTRESS LOCK	1
15	SOCKET CAP SCREW (M5x8xP0.8)	2	46	FLAT WASHER (Ø10xØ23x2)	1
16	ECCENTRIC SHAFT	2	47	ANGLE LOCK CLAMP	1
17	SOCKET CAP SCREW (M5x20xP0.8)	1	48	SOCKET CAP SCREW (M8x16xP1.25)	2
18	FLAT WASHER (Ø5xØ12x1)	1	49	FLAT WASHER (Ø8xØ20x3)	2
19	DETENT UNIT (M8x16.75xP1.25)	2	50	FRONT HANDLE	1
20	CARRIAGE	1	51	MOUNTING SPACER	1
21	CARRIAGE LOCK	1	52	COMBINATION WRENCH (M19)	1
22	CARRIAGE LOCK LEVER	1	53	FOOT PLATE	2
23	FLAT HEAD MACHINE SCREW (M4x6xP0.7)	2	54	FLAT WASHER (5/8"xØ30x3)	2
24	AXLE SPACER B	4	55	SPACER	2
25	BALL BEARING (6001)	8	56	BULLS-EYE LEVEL	1
26	AXLE SPACER C	4			
27	GUIDE ROLLER	4	A1	T-HANDLE VISE SCREW (M16xP2.0)	1
28	AXLE SPACER A	4	A2	N/A	-
29	SOCKET CAP SCREW (M6x16xP1.0)	4	A3	ROLLER AXLE	2
30	SOCKET CAP SCREW (M5x10xP0.8)	2	A4	WHEEL	2
31	COLUMN CAP	1	A5	EXTERNAL CIRCLIP (S-13)	2

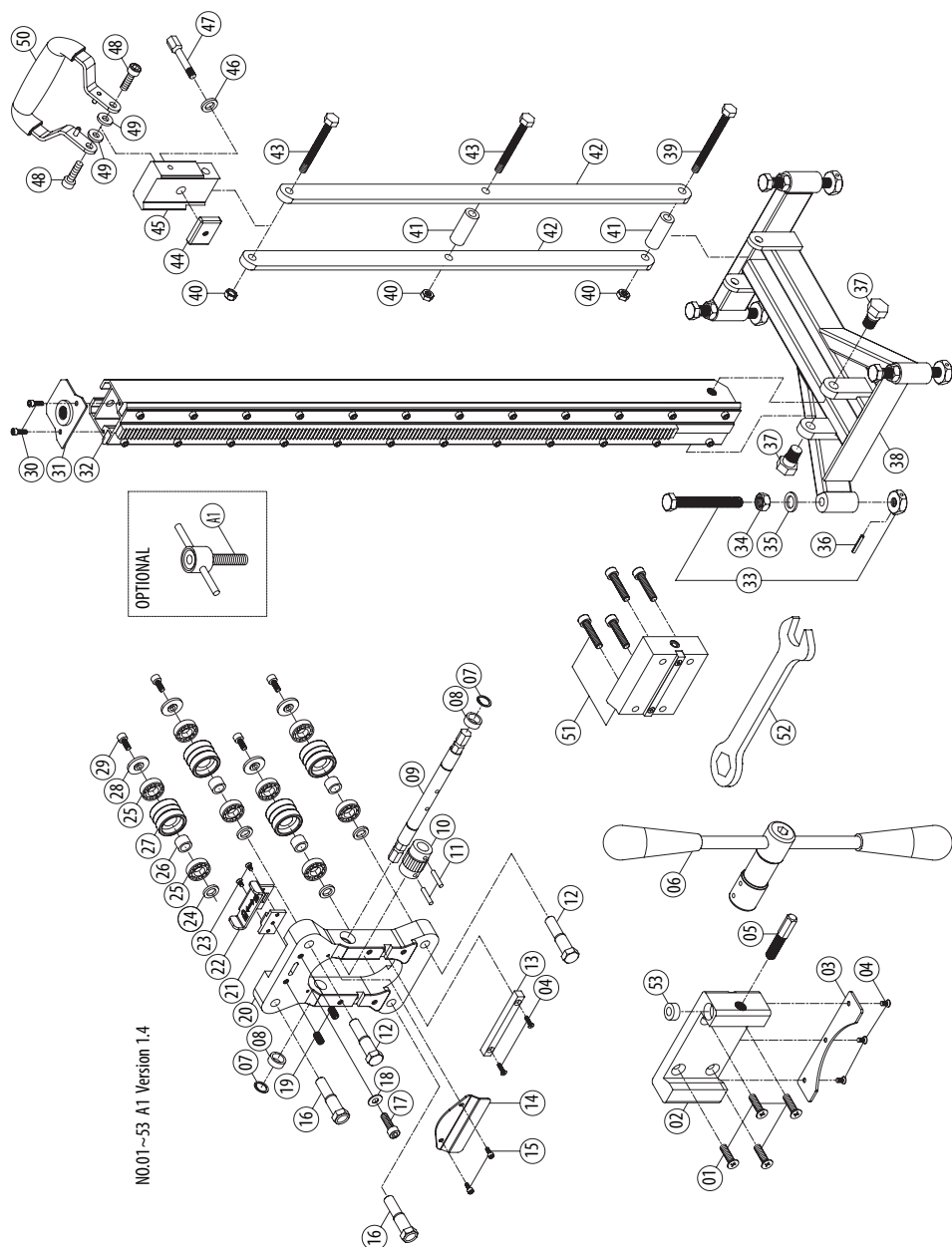
Exploded View (350mm/2M Model)



Parts List (350mm/2M Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW (M8x30xP1.25)	4	32	COLUMN (2000MM)	1
2	CRADLE	1	33	LEVELING SCREW	4
3	CRADLE PLATE	1	34	HEX NUT (M12xP1.75)	4
4	FLAT HEAD MACHINE SCREW (M5x10xP0.8)	5	35	FLAT WASHER (1/2"xØ23x2)	4
5	CRADLE LOCK BOLT (M12xP1.75x70L)	1	36	ROLL PIN (Ø4x25)	4
6	CRANK HANDLE	1	37	SHOULDER BOLT	2
7	INTERNAL CIRCLIP (IS15)	2	38	BASE	1
8	BUSHING (Ø15xØ20x10)	2	39	HEX BOLT (M10x100LxP1.5)	1
9	CRANK SPINDLE	1	40	NYLOCK NUT (M10xP1.25)	3
10	CRANK GEAR (M1.5x16T)	1	41	SPACER	2
11	ROLL PIN (Ø5x25)	2	42	CONNECTING SUPPORT	2
12	AXLE SHAFT	2	43	HEX BOLT (M10x75LxP1.5)	2
13	MOUNTING TENON (10x10x100)	1	44	LOCK PLATE	1
14	FENCE	1	45	BUTTRESS LOCK	1
15	SOCKET CAP SCREW (M5x8xP0.8)	2	46	FLAT WASHER (Ø10xØ23x2)	1
16	ECCENTRIC SHAFT	2	47	ANGLE LOCK CLAMP	1
17	SOCKET CAP SCREW (M5x20xP0.8)	1	48	SOCKET CAP SCREW (M8x16xP1.25)	2
18	FLAT WASHER (Ø5xØ12x1)	1	49	FLAT WASHER (Ø8xØ20x3)	2
19	DETENT UNIT (M8x16.75xP1.25)	2	50	FRONT HANDLE	1
20	CARRIAGE	1	51	MOUNTING SPACER	1
21	CARRIAGE LOCK	1	52	COMBINATION WRENCH (M19)	1
22	CARRIAGE LOCK LEVER	1	53	FOOT PLATE	2
23	FLAT HEAD MACHINE SCREW (M4x6xP0.7)	2	54	FLAT WASHER (5/8"xØ30x3)	2
24	AXLE SPACER B	4	55	SPACER	2
25	BALL BEARING (6001)	8	56	BULLS-EYE LEVEL	1
26	AXLE SPACER C	4			
27	GUIDE ROLLER	4	A1	T-HANDLE VISE SCREW (M16xP2.0)	1
28	AXLE SPACER A	4	A2	N/A	-
29	SOCKET CAP SCREW (M6x16xP1.0)	4	A3	ROLLER AXLE	2
30	SOCKET CAP SCREW (M5x10xP0.8)	2	A4	WHEEL	2
31	COLUMN CAP	1	A5	EXTERNAL CIRCLIP (S-13)	2

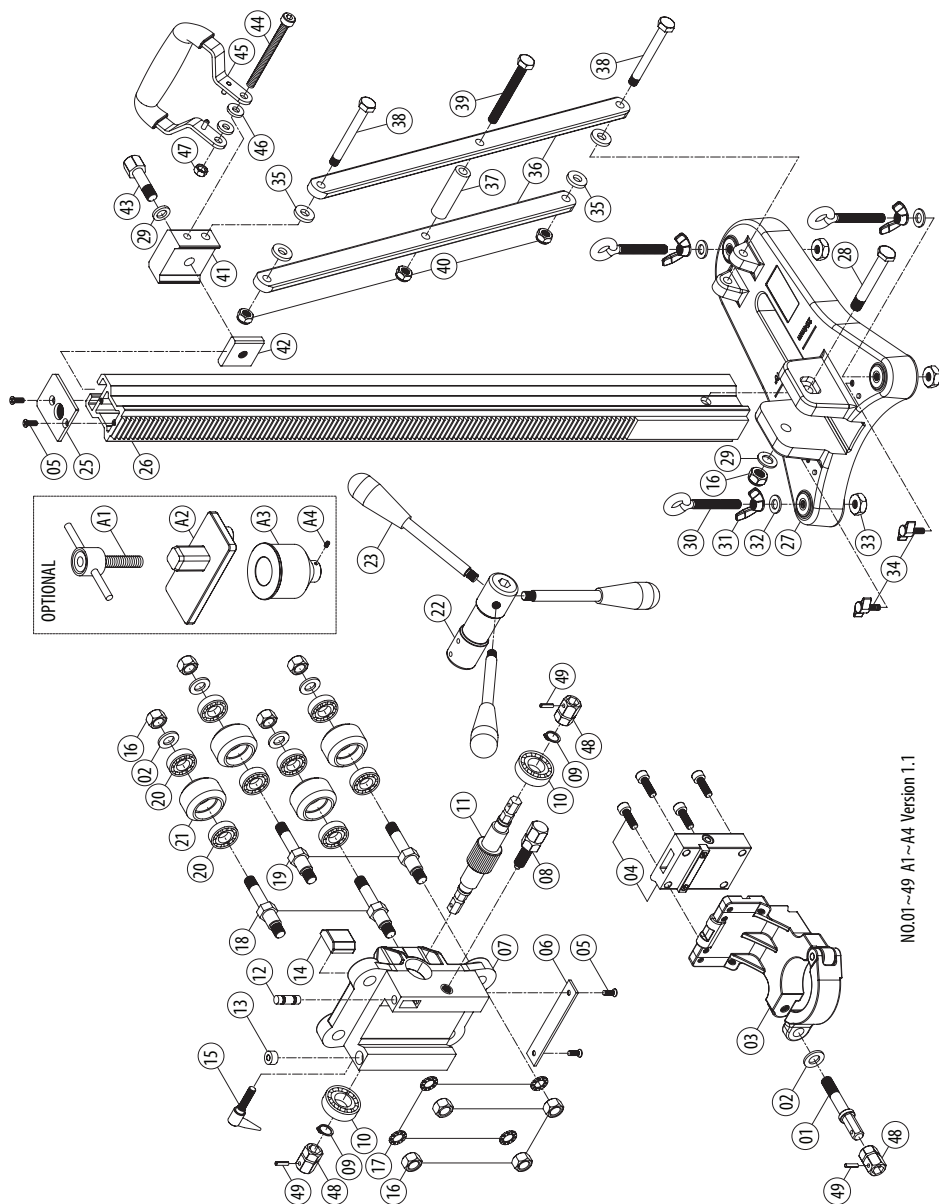
Exploded View (250mm Model)



Parts List (250mm Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD SOCKET CAP SCREW M8x30	4	29	SOCKET CAP SCREW M6x16	4
2	CRADLE	1	30	SOCKET CAP SCREW M5x10	2
3	CRADLE PLATE	1	31	COLUMN CAP	1
4	FLAT HEAD MACHINE SCREW M5x10	5	32	COLUMN 900MM	1
5	CRADLE LOCK BOLT M12	1	33	LEVELING SCREW	4
6	CRANK HANDLE	1	34	HEX NUT M12	4
7	INTERNAL CIRCLIP IS15	2	35	FLAT WASHER 1/2"xØ23x2	4
8	BUSHING Ø15xØ20x10	2	36	ROLL PIN Ø4x25	4
9	CRANK SPINDLE	1	37	SHOULDER BOLT	2
10	CRANK GEAR M1.5x16T	1	38	BASE	1
11	ROLL PIN Ø5x25	2	39	HEX BOLT M10	1
12	AXLE SHAFT	2	40	NYLOCK NUT M10	3
13	MOUNTING TENON 10x10x100	1	41	SPACER	2
14	FENCE	1	42	CONNECTING SUPPORT	2
15	SOCKET CAP SCREW M4x8	2	43	HEX BOLT M10	2
16	ECCENTRIC SHAFT	2	44	LOCK PLATE	1
17	SOCKET CAP SCREW M5x20	1	45	BUTTRESS LOCK	1
18	FLAT WASHER Ø5xØ12x1	1	46	FLAT WASHER Ø10xØ23x2	1
19	DETENT UNIT M8	2	47	ANGLE LOCK CLAMP	1
20	CARRIAGE	1	48	SOCKET CAP SCREW M8x16	2
21	CARRIAGE LOCK	1	49	FLAT WASHER Ø8xØ20x3	2
22	CARRIAGE LOCK LEVER	1	50	FRONT HANDLE	1
23	FLAT HEAD MACHINE SCREW M4x6	2	51	MOUNTING SPACER	1
24	AXLE SPACER B	4	52	COMBINATION WRENCH M19	1
25	BALL BEARING 6001	8	53	BULLS-EYE LEVEL	1
26	AXLE SPACER C	4			
27	GUIDE ROLLER	4	A1	T-HANDLE VISE SCREW M16	1
28	AXLE SPACER A	4			

Exploded View (200mm Model)

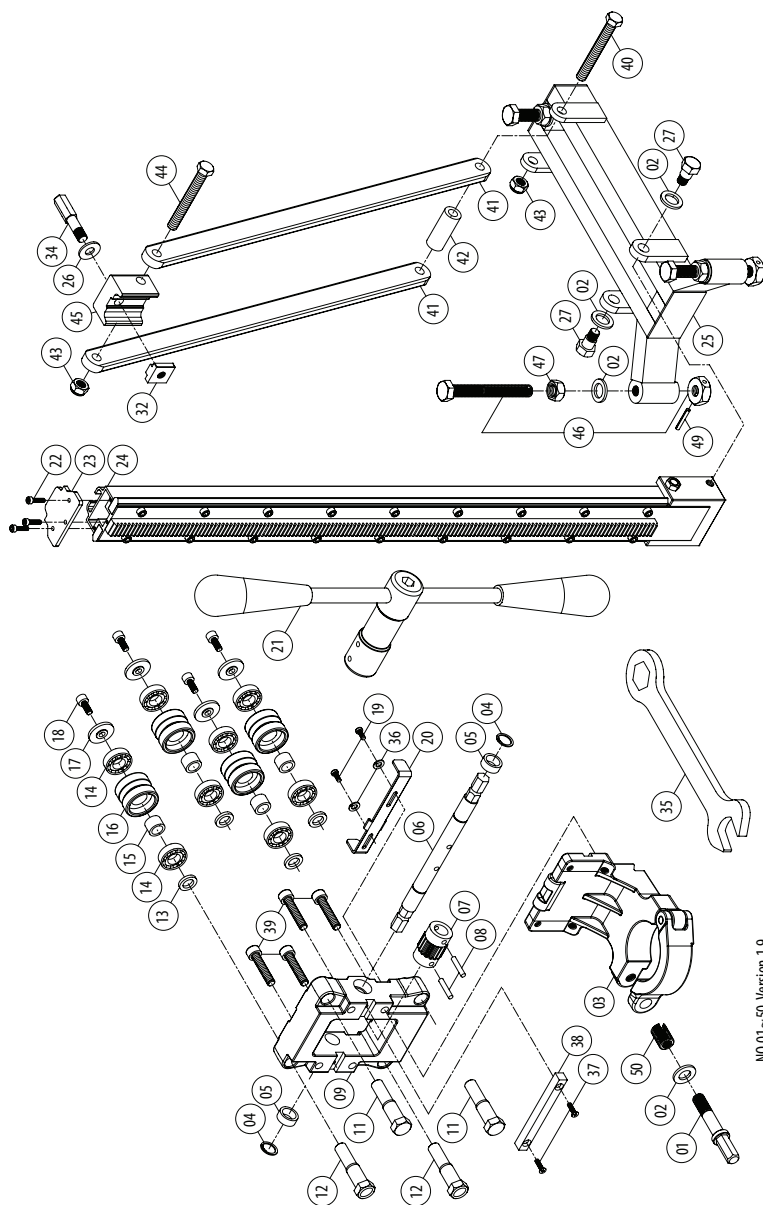


N0.01~49 A1~A4 Version 1.1

Parts List (200mm Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	CLAMP SCREW M12	1	28	PIVOT BOLT	1
2	FLAT WASHER Ø13(1/2")xØ23x2	5	29	FLAT WASHER Ø12 x Ø23 x 2	2
3	CLAMP BRACKET Ø60	1	30	EYE BOLT M10	3
4	MOUNTING SPACER	1	31	WING NUT M10	3
5	FLAT HEAD MACHINE SCREW M5x10	2	32	FLAT WASHER Ø10xØ23x2	3
6	CRADLE PLATE	1	33	FLANGE NUT M10	3
7	CARRIAGE	1	34	THUMB SCREW M6x16	2
8	LOCK SCREW	1	35	FLAT WASHER Ø10.7xØ20x2	4
9	EXTERNAL CIRCLIP S-15	2	36	BUTTRESS BAR	2
10	BALL BEARING 6002-LLU	2	37	SPACER	1
11	CRANK SPINDLE	1	38	PIVOT BOLT	2
12	BUBBLE LEVEL	1	39	HEX BOLT M10x90	1
13	BULLS-EYE LEVEL	1	40	NYLOCK NUT M10	3
14	PLASTIC PAD	1	41	BUTTRESS LOCK	1
15	RATCHET LEVER M8x30	1	42	LOCK PLATE	1
16	NYLOCK NUT M12xP1.75	9	43	ANGLE LOCK CLAMP	1
17	EXTERNAL STAR WASHER M12	4	44	SOCKET CAP SCREW M8x85	1
18	ECCENTRIC SHAFT	2	45	FRONT HANDLE	1
19	ROLLER AXLE	2	46	FLAT WASHER Ø8xØ20x3	2
20	BALL BEARING 6201-2RS	8	47	NYLOCK NUT M8	1
21	GUIDE ROLLER	4	48	HEX ADAPTOR	3
22	CRANK BOSS	1	49	ROLL PIN Ø4x18	3
23	CRANK HANDLE	3			
24	N/A	-	A1	T-HANDLE JACK SCREW M16	1
25	COLUMN CAP PLATE	1	A2	EXTENSION MAST BRACKET	1
26	COLUMN 850mm	1	A3	LASER CONNECTOR	1
27	BASE	1	A4	SOCKET SET SCREW M4x6	1

Exploded View (170mm Model)

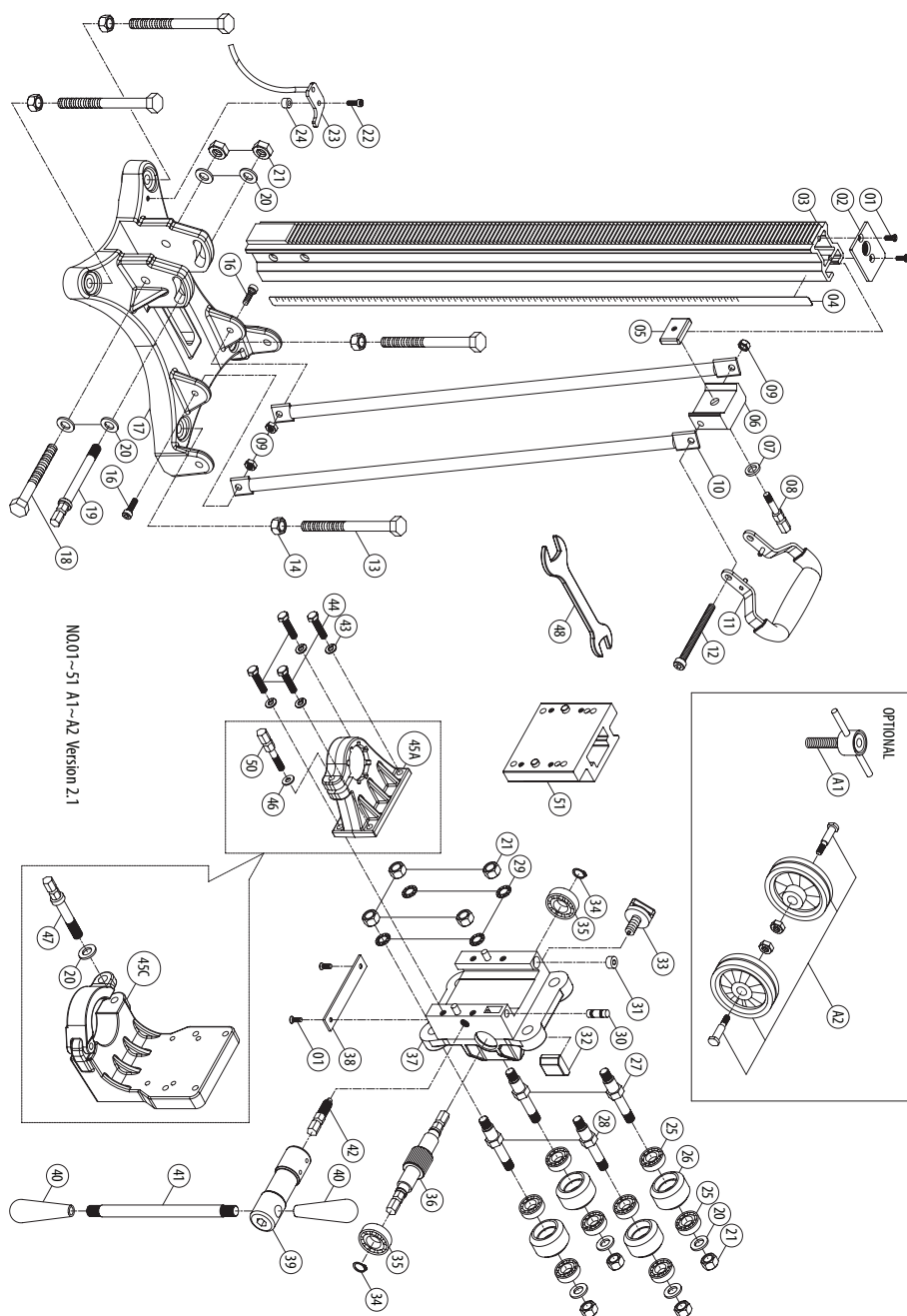


NO.01~50 Version 1.9

Parts List (170mm Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	TURNBUCKLE SHAFT M12	1	24	COLUMN 730MM	1
2	FLAT WASHER 1/2"xØ23x2	6	25	BASE	1
3	CRADLE CLAMP BRACKET Ø60	1	26	FLAT WASHER Ø10xØ23x2	1
4	INTERNAL CIRCLIP IS15	2	27	SHOULDER BOLT	2
5	BUSHING Ø15xØ20x10	2	28~29	N/A	-
6	CRANK SPINDLE	1	32	LOCK PLATE	1
7	CRANK GEAR M1.5x16T	1	34	ANGLE LOCK CLAMP	1
8	ROLL PIN Ø5x25	2	35	COMBINATION WRENCH M19	1
9	CARRIAGE	1	36	SPRING WASHER M4	2
10	N/A	-	37	FLAT HEAD MACHINE SCREW M5x12	5
11	AXLE SHAFT	2	38	MOUNTING TENON 10x10x100	1
12	ECCENTRIC SHAFT	2	39	SOCKET CAP SCREW M8x30	4
13	AXLE SPACER B	4	40	HEX BOLT M10x90L	1
14	BALL BEARING 6001	8	41	CONNECTING SUPPORT	2
15	AXLE SPACER C	4	42	SPACER	1
16	GUIDE ROLLER	4	43	NYLOCK NUT M10	2
17	AXLE SPACER A	4	44	HEX BOLT M10	1
18	SOCKET CAP SCREW M6x16	4	45	BUTTRESS LOCK	1
19	TRUSS HEAD MACHINE SCREW M4x10	2	46	LEVELING SCREW	3
20	CARRIAGE LOCK LEVER	1	47	HEX NUT M12	3
21	CRANK HANDLE	1	48	N/A	-
22	SOCKET CAP SCREW M4x10	3	49	ROLL PIN Ø4x25	3
23	COLUMN CAP	1	50	M12 THREAD INSERT	1

Exploded View (250mm Aluminum Model)



Parts List (250mm Aluminum Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FLAT HEAD MACHINE SCREW M5x10	4	29	EXTERNAL STAR WASHER M12	4
2	COLUMN CAP PLATE	1	30	BUBBLE LEVEL	1
3	COLUMN	1	31	BULLS-EYE LEVEL	1
4	MITER SCALE	1	32	REVERTEX PLACE	1
5	LOCK PLATE	1	33	THUMB SCREW M8x30	1
6	BUTTRESS LOCK	1	34	EXTERNAL CIRCLIP S-15	2
7	FLAT WASHER 5/16"xØ17x1.5	1	35	BALL BEARING 6002	2
8	ANGLE LOCK CLAMP	1	36	CRANK SPINDLE	1
9	NYLOCK NUT M8	3	37	CRADLE	1
10	BUTRESS BAR	2	38	CRADLE PLATE	1
11	FRONT HANDLE	1	39	CRANK BOSS	1
12	SOCKET CAP SCREW M8x85	1	40	CRANK GRIP	2
13	HEX BOLT M12x75L	4	41	HANDLE	1
14	HEX NUT M12	4	42	PIVOT PIN	1
15	N/A	-	43	SPRING WASHER M8	4
16	SOCKET CAP SCREW M8x25	2	44	HEX BOLT M8x30	4
17	BASE	1	45A	SIDE HANDLE BRACKET Ø44	-
18	HEX BOLT M12x100L	1	45B	N/A	-
19	SET SCREW	1	45C	CRADLE CLAMP BRACKET Ø60	1
20	FLAT WASHER 1/2"xØ23x2	9	46	FLAT WASHER Ø8xØ14x2	-
21	NYLOCK NUT M12	10	47	TURNBUCKLE SHAFT M12	1
22	SOCKET CAP SCREW M6x20	1	48	WRENCH M17/M19	1
23	CENTER INDICATOR	1	49	N/A	-
24	HEAD LOCKING KNOB Ø6.1xØ10x8	1	50	TURNBUCKLE SHAFT M8	-
25	BALL BEARING 6201	8	51	MOUNTING SPACER	1
26	GUIDE ROLLER	4	A1	T-HANDLE VISE SCREW M16	1
27	ECCENTRIC SHAFT	2	A2	WHEEL ASSEMBLY	1
28	ROLLER AXLE	2			



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