

KUDO-ACE

Operation Manual

for

KUDO ACE MJ Model

With Air squeezer

KUDO ACE MJ05 900

KUDO ACE MJ05 1000

KUDO ACE MJ05 1300



KUDO IRON WORKS CO., LTD.

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Cautions to be given in order to operate the machine safely.

- 1) This is the “Guide Book” prepared aiming for the Safe Operation of the machine.
- 2) Please make sure to study the “Guide Book” in order to comprehend and apprehend sufficiently on operation, inspection and maintenance of the machine before operating the machine.
- 3) If the machine is operated without following instructions noted on the Book, serious problems may be caused.
- 4) Such warnings as shown bellow are used on this “Guide Book” in order to indicate the examples of “Warning”. Some of them may be pasted on the machine. They should be followed carefully in order to secure safety.



Warning:

Follow the instructions noted above after the Electric Power is switched on; otherwise death or serious injuries may be caused.

- 5) Please keep the “Guide Book” near the machine so that it may be referred to with ease.
- 6) If the machine is to be transferred, please make sure that the Guide Book may be accompanied.
- 7) When the “Guide Book” may be lost or made unusable, please place an order at us or our dealer immediately.

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Classification and meaning of the Warning Indication.

For the better understanding of the warning labels used on the Guide Book and pasted on the machine, the warning labels are classified as follow.



Danger:

The label is used where the existing dangerous condition may results in death or serious injury unless the condition is removed immediately .It also includes preventive measures and cautions to be taken for safety.

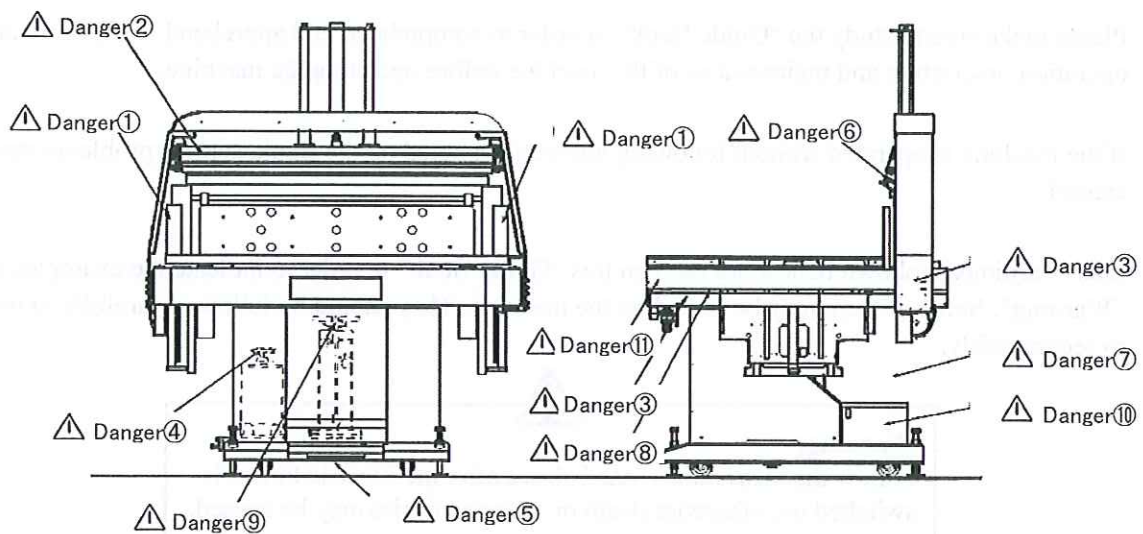
Warning:

The label is used where the dangerous condition which may results in death or serious injury exist potentially unless the condition is removed and it includes preventive measures and cautions to be taken in order to avoid the danger.

Caution:

The label is used where the dangerous condition which may results in injuries of slight or medium degree exist potentially unless the condition is removed and it includes preventive measures and

3 Drawing to indicate hazardous areas.



No	Degree of hazard	Cautions to avoid dangers
1	Serious wound	Do not insert your arm or finger while the table is descending.
2	Serious wound	Do not put your head or hand on the table while the air squeezing roller is in motion.
3	Serious wound	Do not touch the guide rails or air squeezing guide while machine is in operation.
4	Serious wound	Do not touch the handle while the machine is in operation.
5	Serious wound	Do not put your hand under the base of the machine while the machine is in operation.
6	Serious wound	Do not insert your hand or finger into the sheet block while the machine is in operation.
7	Serious wound	Do not put your self under the frame while the machine is in operation.
8	Serious wound	Do not touch the timing belt while the machine is in motion.
9	Serious wound	Do not touch the switch dog while the machine is in motion.
10	Serious wound	The electric power cabinet should not be opened while the electric power is being supplied.
11	Serious wound	Do not put in your arm or finger onto the table while the machine is in operation.

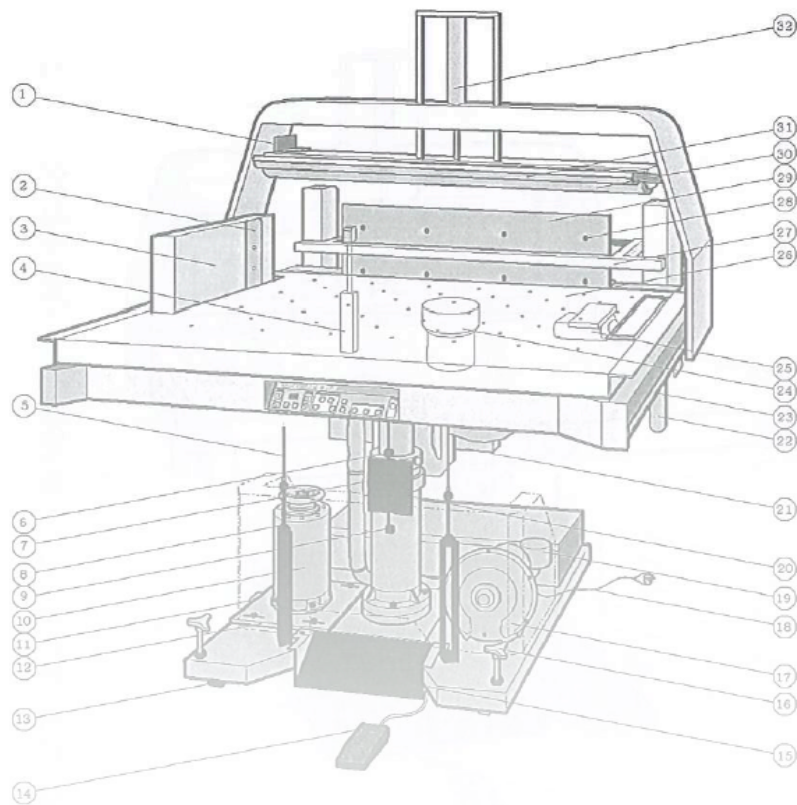


Warning:

Follow the instructions noted above after the Electric Power is switched on; otherwise death or serious injuries may be caused.

Serious injury or death may result if the machine is not operated carefully according to the above instruction.

4 Names and function of each section and items. (1)



No	Name	Function
1	Sensor for Sheet detection	This is the sensor to detect the edge of sheet block when the air squeezing roller is brought to the edge and the roller is brought up.
2	Auxiliary lay	Used to compensate squareness of block of cut sheets.
3	Side lay	It enables to change the registering edge of the block of sheets with ease.
4	Clamp cylinder	It brings up and down the clamping bar.
5	Wire cable	It adjusts the height of the table and maintains horizontalness of the table.
6	Switch dog	It limits the lowest position of the table (should not be adjusted).
7	Micro limit switch	It controls the lowest position of the table and it also actuates the vibration.
8	Knurled nut	It is used to fix the working length of wire cable.
9	Switch dog	It controls the highest position of the table.
10	Electric Motor	It brings up and down the table.
11	Belt tension controller	It is used when the V-belt is exchanged. It is also used to adjust the tension of the V-belt.
12	Motor base	

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