

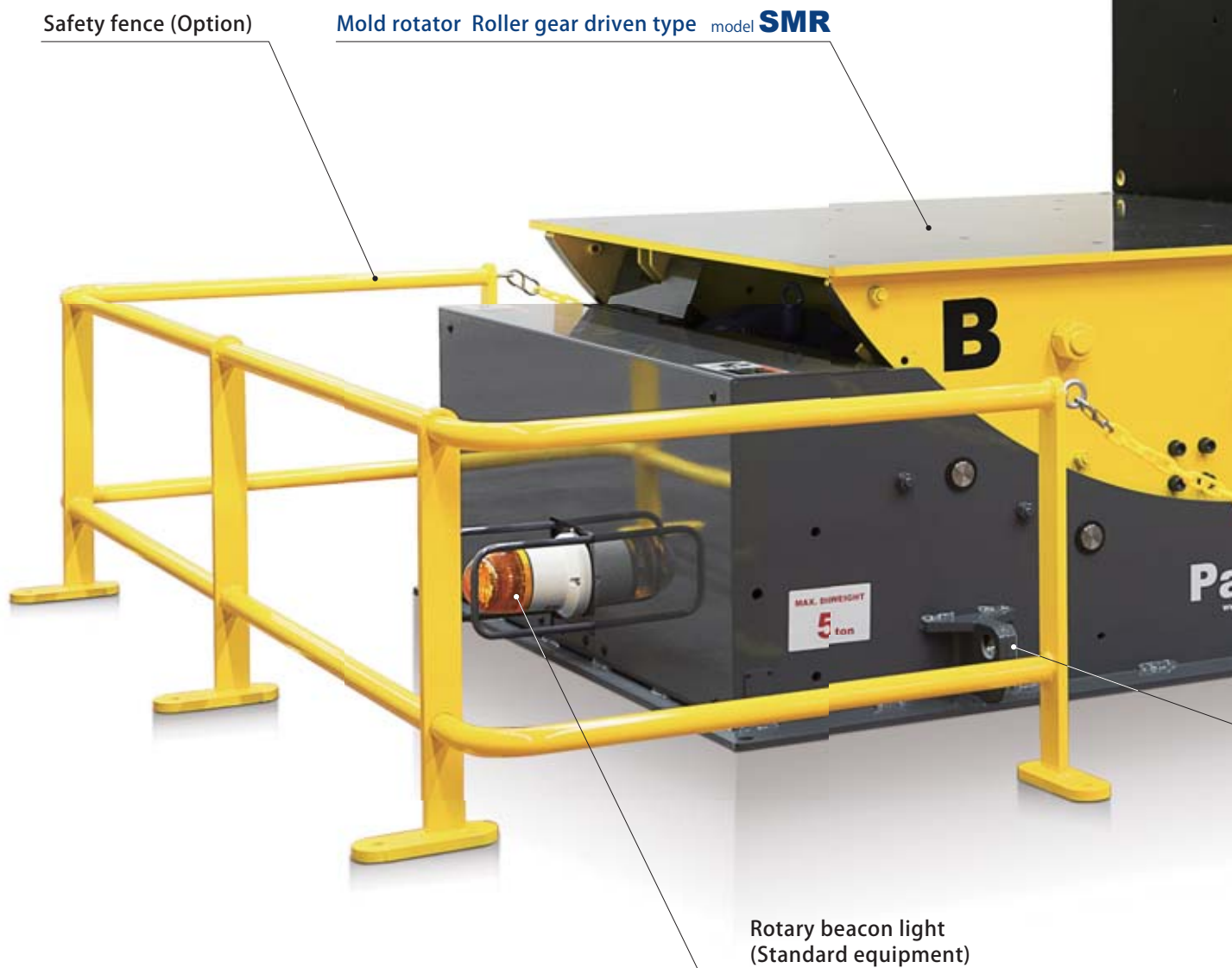


Mold rotator

Roller gear driven type model **SMR**

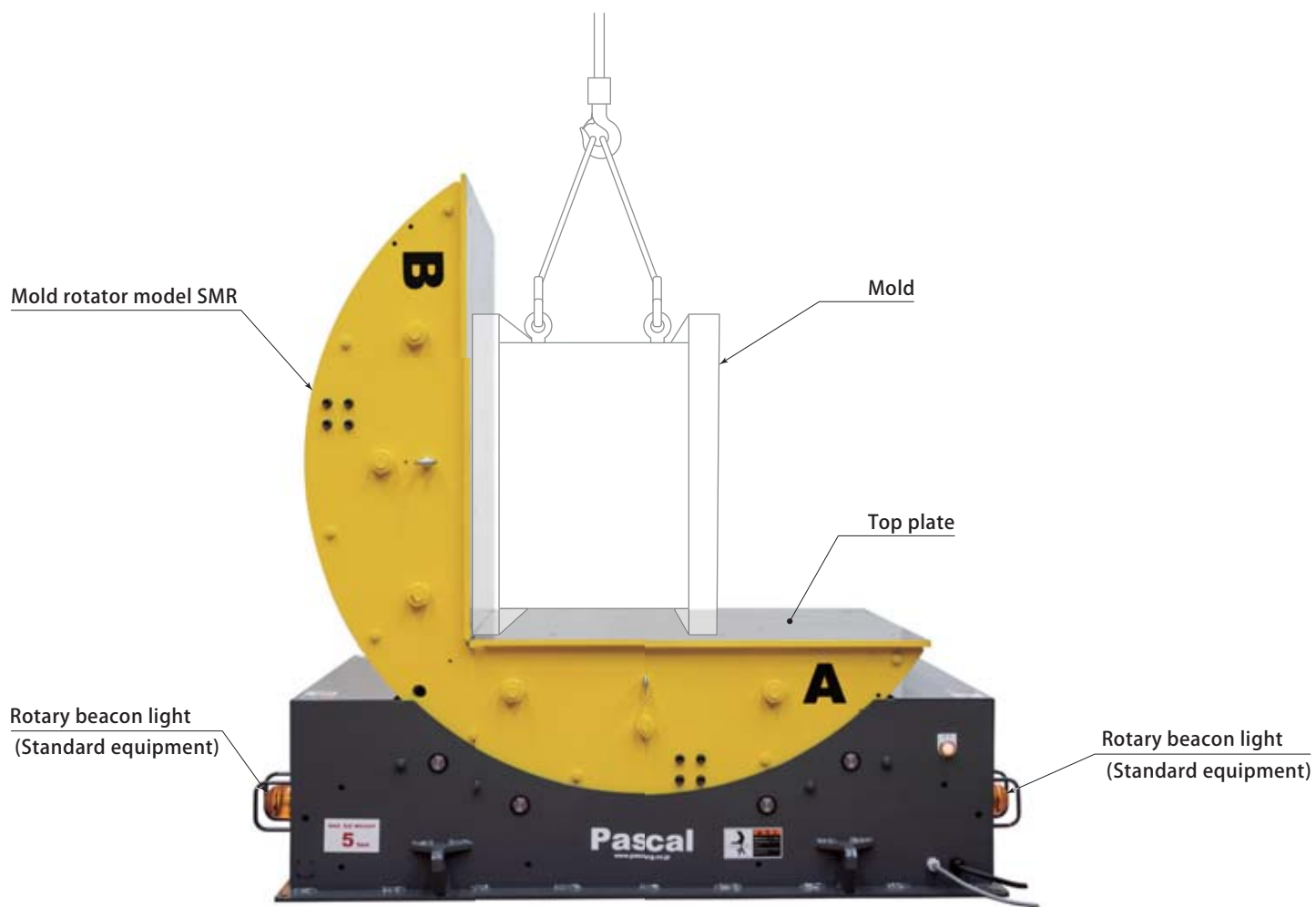
For your safe and quick molds and large sized components rotation.

Standard equipment with rotary beacon lights
and a stand of operation panel

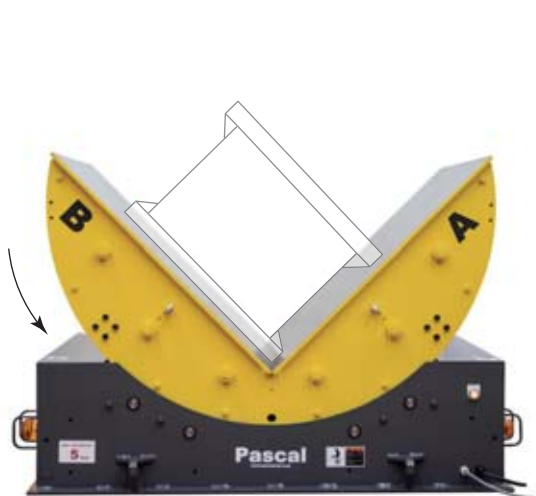




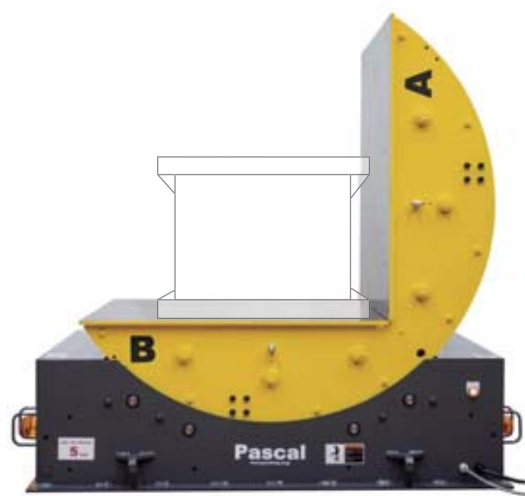
Industrial Safety and Health law requires employers a safe workplace for employees.
Consider Pascal rotator for handling mold safely and quickly.



① Place a mold



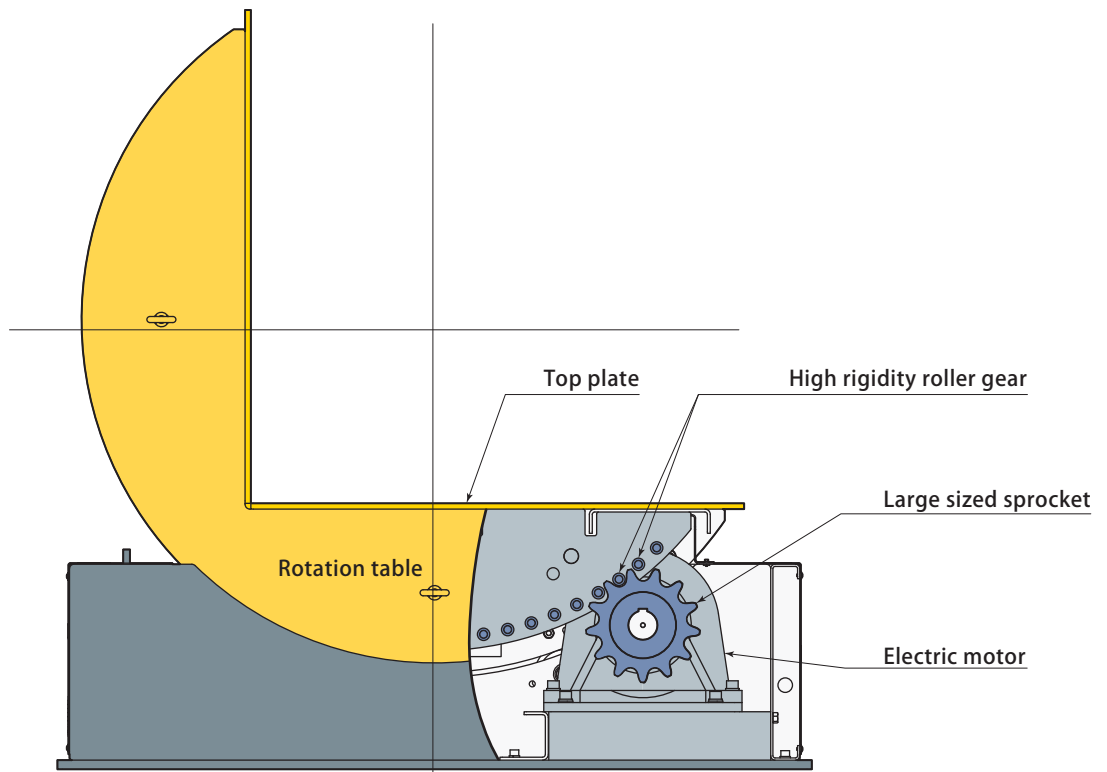
② Rotating



③ Rotation completed

The model SMR employs roller gear driven mechanism consisting of rigid roller gear with large-sized sprocket, which ensures excellent durability and safer rotating operation.

Mold rotator model SMR



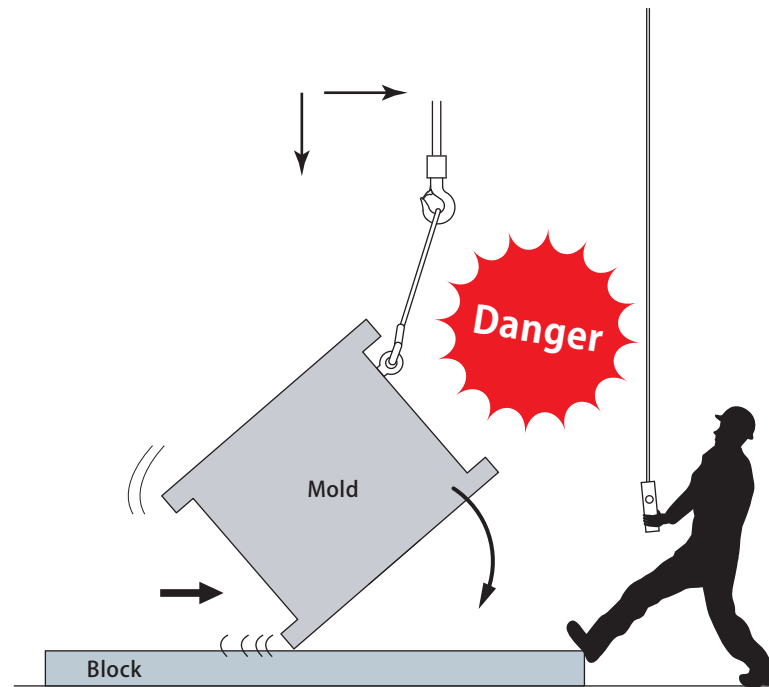
High rigidity roller gear

Large sized sprocket



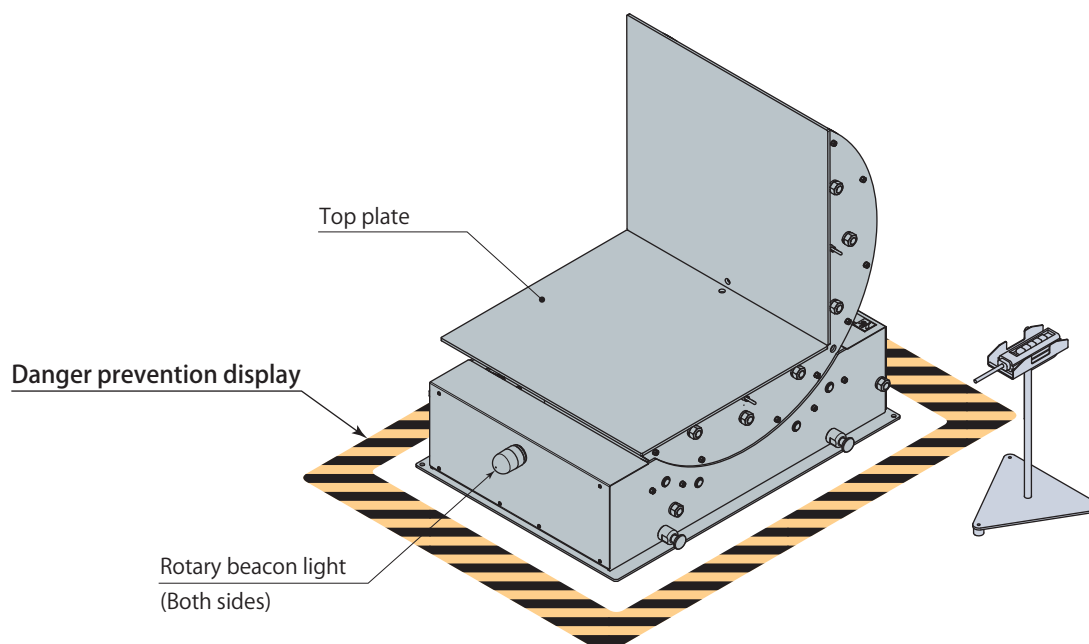
Electric motor

Eliminate the risk of an accident of mold rotating work by the overhead crane and improve the workability with Pascal rotator.

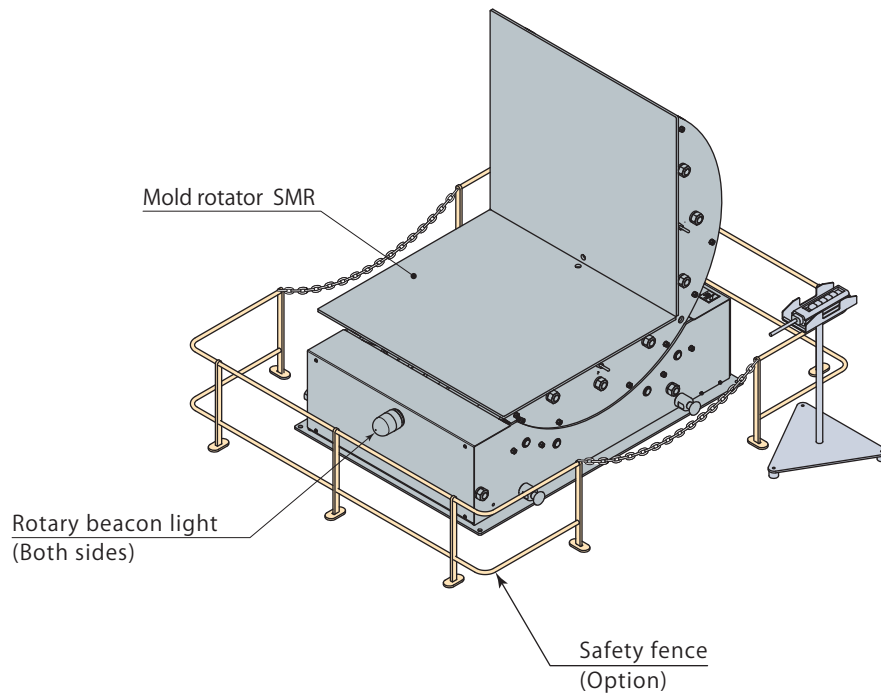


Hoisting up/down operation is required while sliding the crane.

- Pascal mold rotator is designed to be operated with two hands and operator's safety is secured during operation however the user is requested to provide warning signs to remind other workers and any protection like safety fence , light curtain or cover around the rotator. The details of protection are explained in the next page.

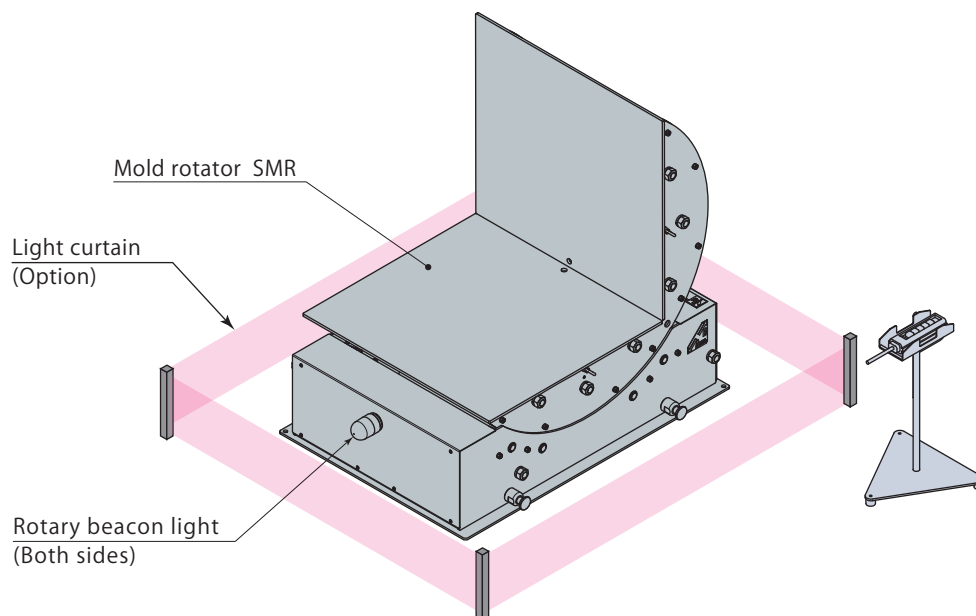


Safety fence (Option ①)



Light curtain (Option ②)

The mold rotator stops when someone enters the dangerous zone.



● Contact Pascal for the delivery time and price.

With cover (Option ③)

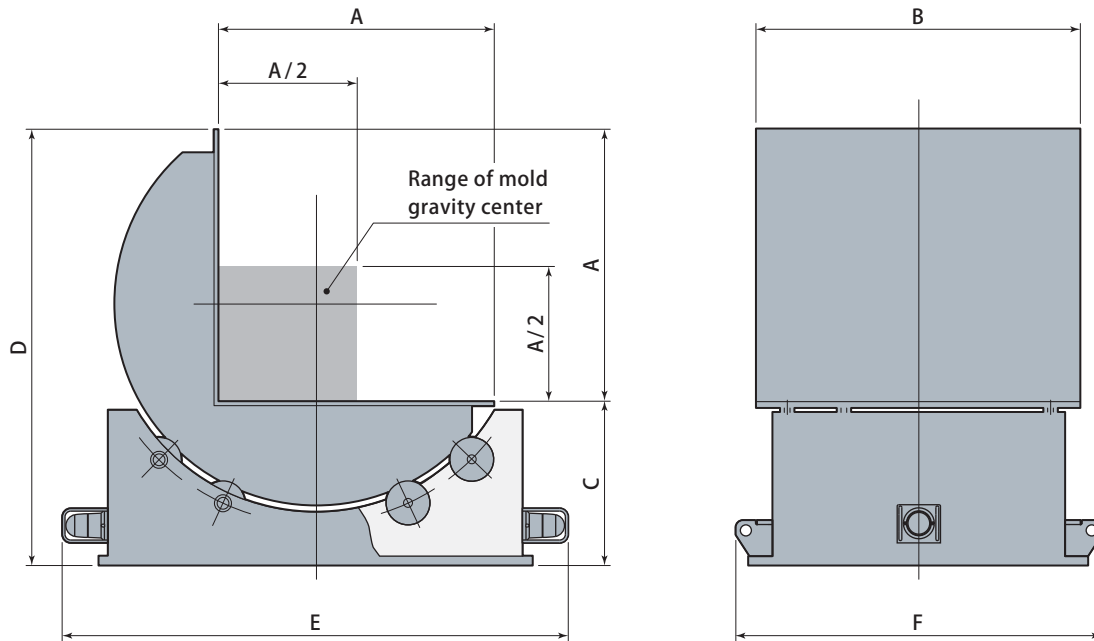
SMR ☐ - C



● Contact Pascal for the delivery time and price.

Specifications / Dimensions

Rotatable weight	90° Rotation time (at 60 Hz)	Model
1 ton	15 sec.	SMR 01
3 ton	25 sec.	SMR 03
5 ton	25 sec.	SMR 05
10 ton	25 sec.	SMR 10
15 ton	45 sec.	SMR 15
20 ton	45 sec.	SMR 20
30 ton	45 sec.	SMR 30
50 ton	60 sec.	SMR 50

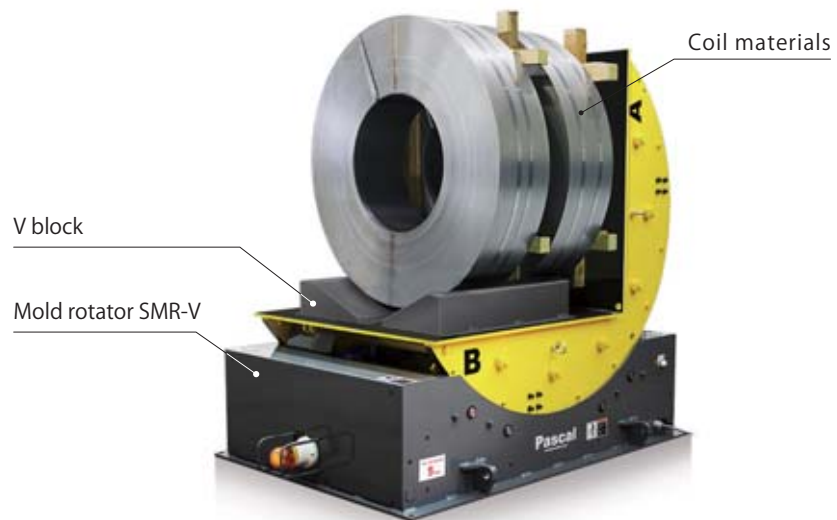


Model		SMR01	SMR03	SMR05	SMR10	SMR15	SMR20	SMR30	SMR50
Max. rotation weight	ton	1	3	5	10	15	20	30	50
90° Rotation time (at 60 Hz)	sec.	15	25	25	25	45	45	45	60
Drive motor (AC200V, 3-phase)	kW	0.1	0.4	0.75	1.5	1.5	2.2	5.5	5.5
Weight	ton	0.4	1.4	1.5	2.5	4.6	6.5	11.7	20.2
A	mm	600	1000	1000	1260	1600	1800	2000	2200
B	mm	600	1000	1000	1150	1400	1800	2200	2600
C	mm	340	540	540	610	870	990	1160	1200
D	mm	940	1540	1540	1870	2470	2790	3160	3400
E	mm	1340	1830	1830	2210	2540	2910	3270	3620
F	mm	740	1180	1180	1360	1560	1970	2300	2440

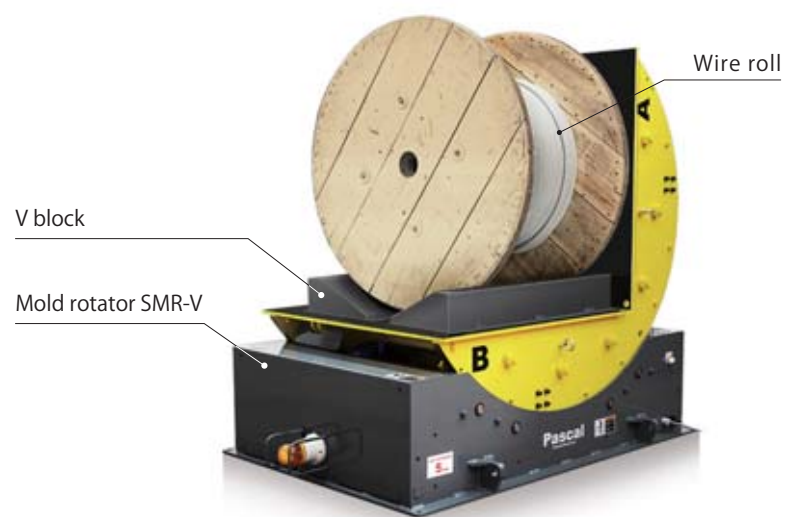
- Mold may not be able to be rotated properly even though its weight is under max limit unless the center of gravity of the mold stays in the . For further details, Consult Pascal.
- Ask Pascal for other voltage for drive motor.

Practical example

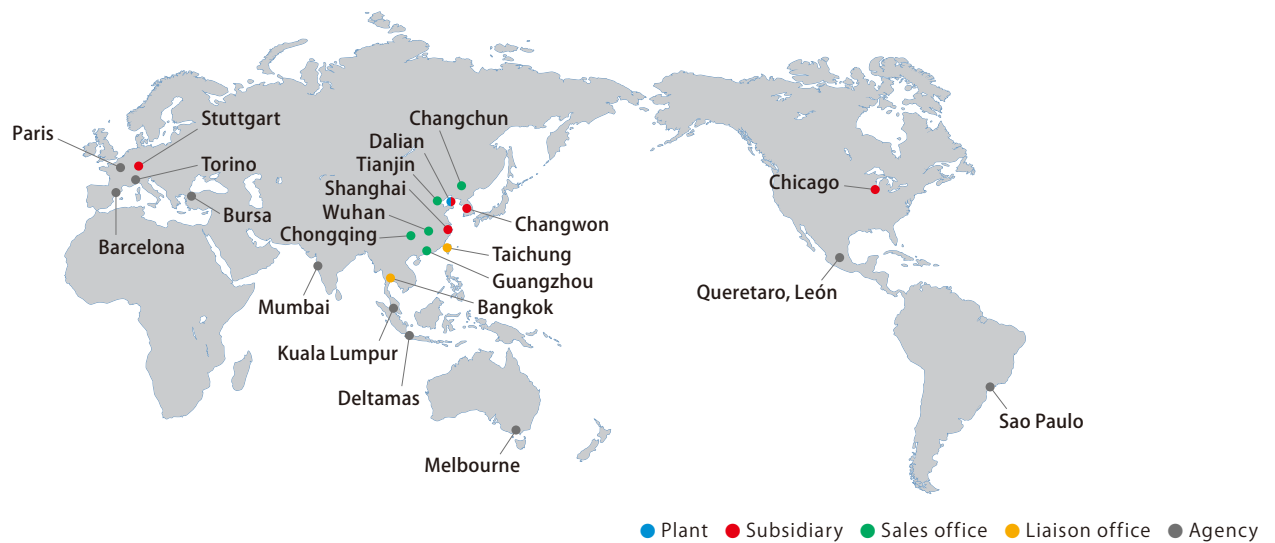
For rotating coil materials
with V block **SMR □ - V**



For rotating wire roll
with V block **SMR □ - V**

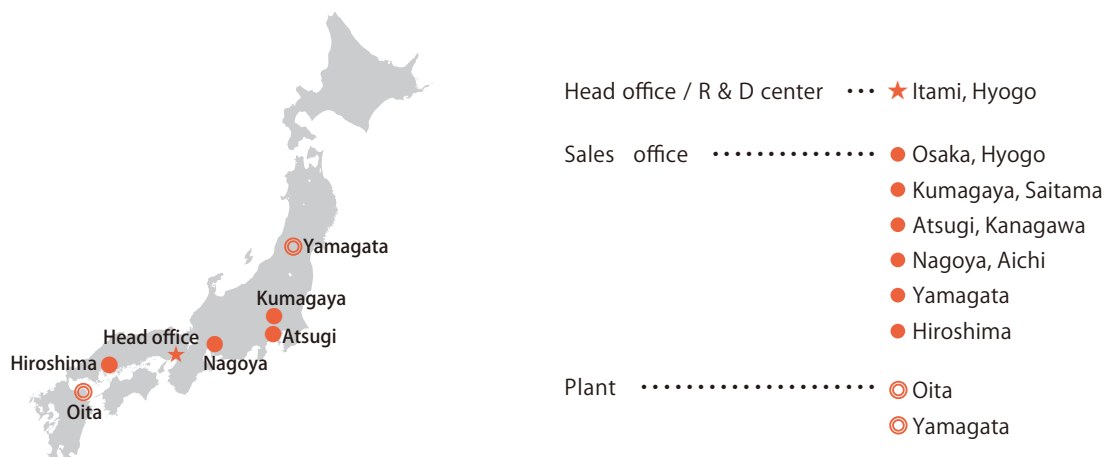


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