

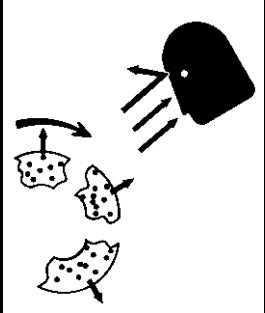

5. MANUAL OPERATION

5.2 Starting/Stopping the Wheel Spindle

5.2.1 Starting the Wheel Spindle

(a) Starting Wheel Spindle using Main Operation Panel

- (1) Turn the [EMERGENCY STOP] button clockwise to unlock.
- (2) Press the [MASTER ON] button.
- (3) Place the [OPERATION MODE] selection switch on the sub operation panel in the [AUTO] position.
Place the [OPERATION MODE] selection switch on the main operation panel in the [MANU.] position.
- (4) Close all doors.
- (5) Press the [GR. WHEEL SPINDLE START] button on the main operation panel. The wheel spindle starts rotating and the lamp of the [GR. WHEEL SPINDLE START] button blinks.
The lamp is lit when reaching the specified rotation speed.

	 WARNING
	<p>Close the doors before starting the wheel spindle. Starting time after wheel change: at least 3 min Starting time when starting to use: at least 1 min Start the wheel spindle and then perform idling for at least the above specified time in order to check for any abnormalities, and then start operation.</p>

(b) Starting Wheel Spindle using Sub Operation Panel

- (1) Turn the [EMERGENCY STOP] button clockwise to unlock.
- (2) Press the [MASTER ON] button.
- (3) Place the [OPERATION MODE] selection switch on the main operation panel in the [MANU.] position.
- (4) Close all doors.
- (5) Place the [OPERATION MODE] selection switch on the sub operation panel in the [MANU.] position.
- (6) Press the [GR. WHEEL SPINDLE START] button on the sub operation panel. The wheel spindle starts rotating and the lamp of the [GR. WHEEL SPINDLE START] button blinks.
The lamp is lit when reaching the specified rotation speed.

5.2.2 Stopping the Wheel Spindle

(a) Starting Wheel Spindle using Main Operation Panel

- (1) Place the [OPERATION MODE] selection switch on the sub operation panel in the [AUTO] position.
Place the [OPERATION MODE] selection switch on the main operation panel in the [MANU.] position.
- (2) Press the [GR. WHEEL SPINDLE STOP] button on the main operation panel. The lamp of the [GR. WHEEL SPINDLE START] button is turned off when the rotation stops.

(b) Starting Wheel Spindle using Sub Operation Panel

- (1) Place the [OPERATION MODE] selection switch on the main operation panel in the [MANU.] position.
Place the [OPERATION MODE] selection switch on the sub operation panel in the [MANU.] position.
- (2) Press the [GR. WHEEL SPINDLE STOP] button on the sub operation panel. The lamp of the [GR. WHEEL SPINDLE START] button is turned off when the rotation stops.