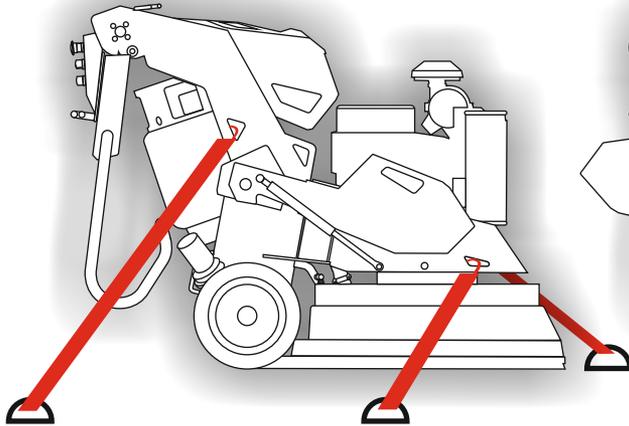


LAVINA

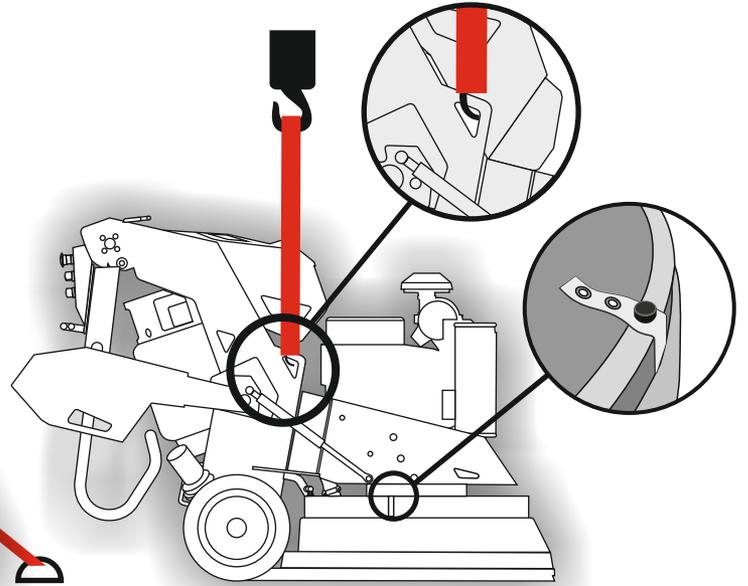
by  SUPERABRASIVE

OPERATOR'S QUICK GUIDE PROPANE GRINDERS

TRANSPORTING AND LIFTING

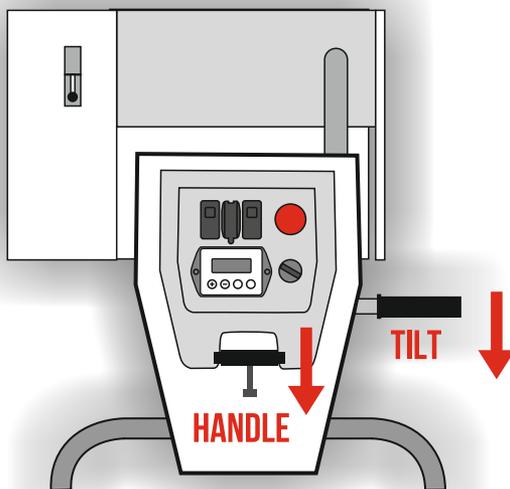


LAVINA MACHINES HAVE FOUR ANCHORING POINTS FOR STRAPPING DURING TRANSPORTATION. MAKE SURE MACHINE IS SECURELY ANCHORED, AND GRINDING HEAD COVER IS LOWERED DOWN / LOCKED. TIGHTEN THE STRAPS OVER NON-MOVING PARTS, E.G. MACHINE CHASSIS.



LAVINA MACHINES HAVE TWO LIFT POINTS. WHEN LIFTING MACHINE, MAKE SURE THE WEIGHTS ARE IN BACKWARDS POSITION, AND THE GRINDING HEAD COVER IS RAISED / LOCKED IN TRANSPORT POSITION.

HANDLE ADJUSTMENT



THE MACHINE IS EQUIPPED WITH TWO LOCKING MECHANISMS – ONE FOR TILT AND ONE FOR HANDLE ADJUSTMENT. PULL THE LEVER TOWARDS OPERATOR TO UNLOCK AND ADJUST TILT / HANDLE TO DESIRED POSITION. THE MECHANISM LOCKS ITSELF BACK.

IMPORTANT!

IF THE LOCKING MECHANISMS START MAKING NOISE OR MOVE ROUGHLY, LUBRICATION IS RECOMMENDED. CHECK YOUR MACHINE MANUAL FOR LUBRICANT TYPE.

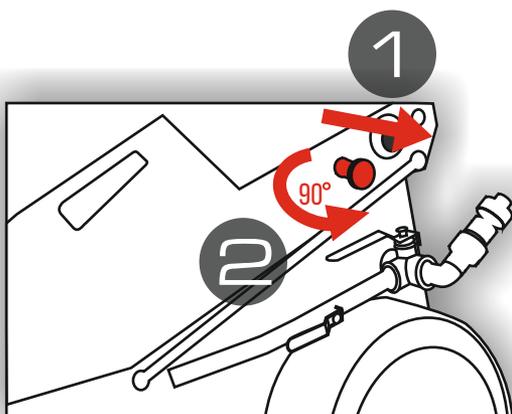
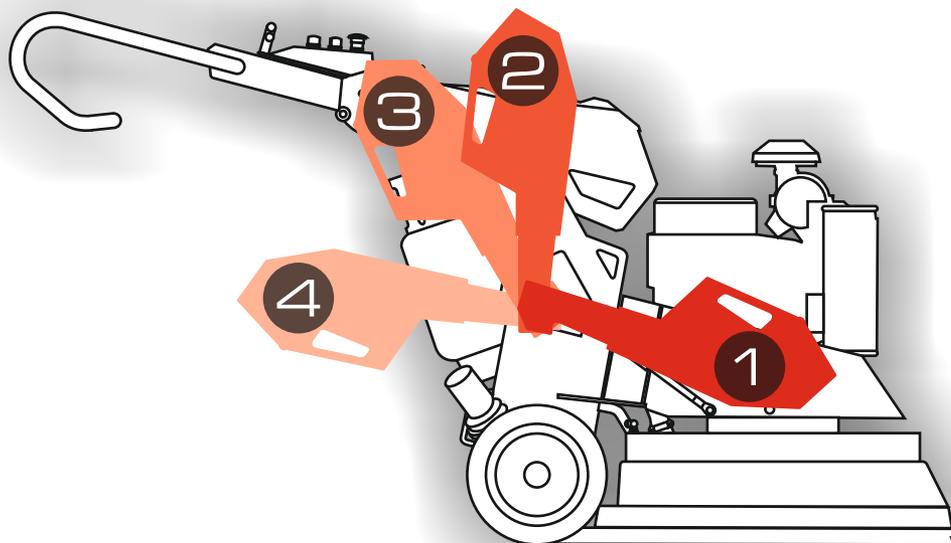
REGISTER YOUR MACHINE WARRANTY WITHIN
30 DAYS OF PURCHASE - SCAN THE QR CODE
OR GO TO [SUPERABRASIVE.COM /
WARRANTY-REGISTRATION](http://SUPERABRASIVE.COM/WARRANTY-REGISTRATION)



DOWNLOAD YOUR MACHINE MANUAL AT
[SUPERABRASIVE.COM /MACHINE-MANUALS](http://SUPERABRASIVE.COM/MACHINE-MANUALS),
OR SCAN THE QR CODE.

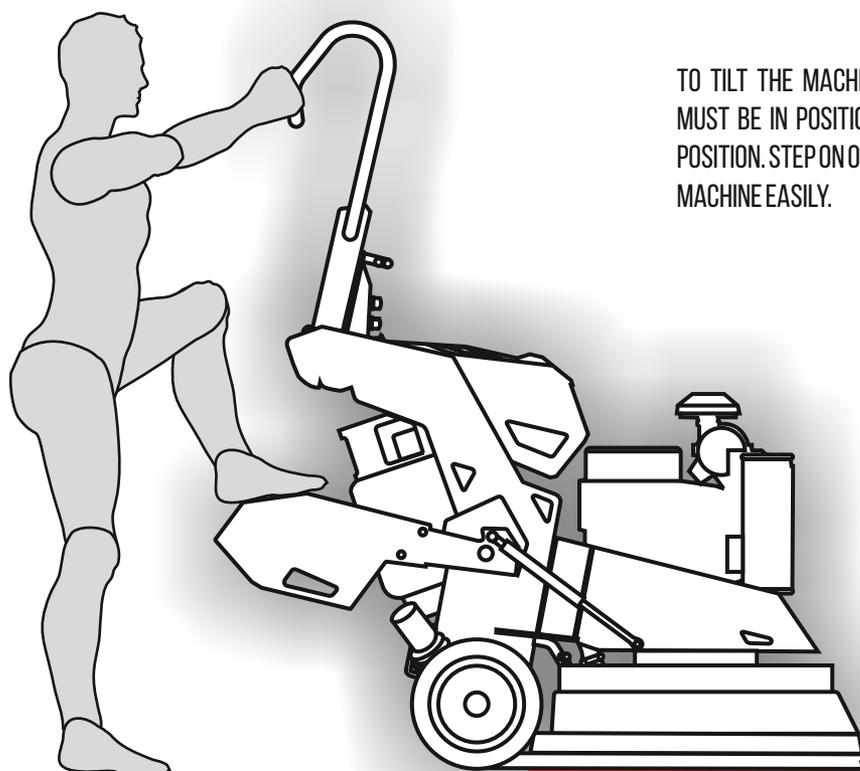


WEIGHTS



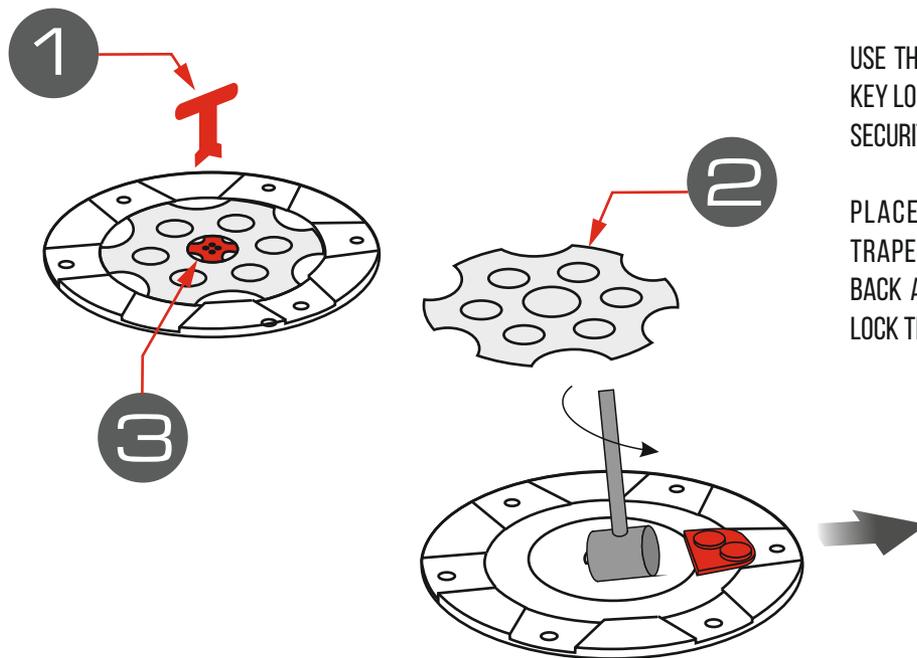
TO MOVE THE WEIGHTS, RELEASE THE LOCKING KNOB BY PULLING IT, AND THEN RELEASE IT TO LOCK INTO THE NEW DESIRED POSITION.

THE LOCKING KNOB HAS A REST POSITION. PULL IT TO UNLOCK AND ROTATE TO 90 DEGREES - IN THIS POSITION, THE WEIGHTS ARE FREE TO MOVE.



TO TILT THE MACHINE FOR TOOL CHANGES, THE WEIGHTS MUST BE IN POSITION 4, AND THE KNOB MUST BE IN REST POSITION. STEP ON ONE OF THE WEIGHTS IN ORDER TO TILT THE MACHINE EASILY.

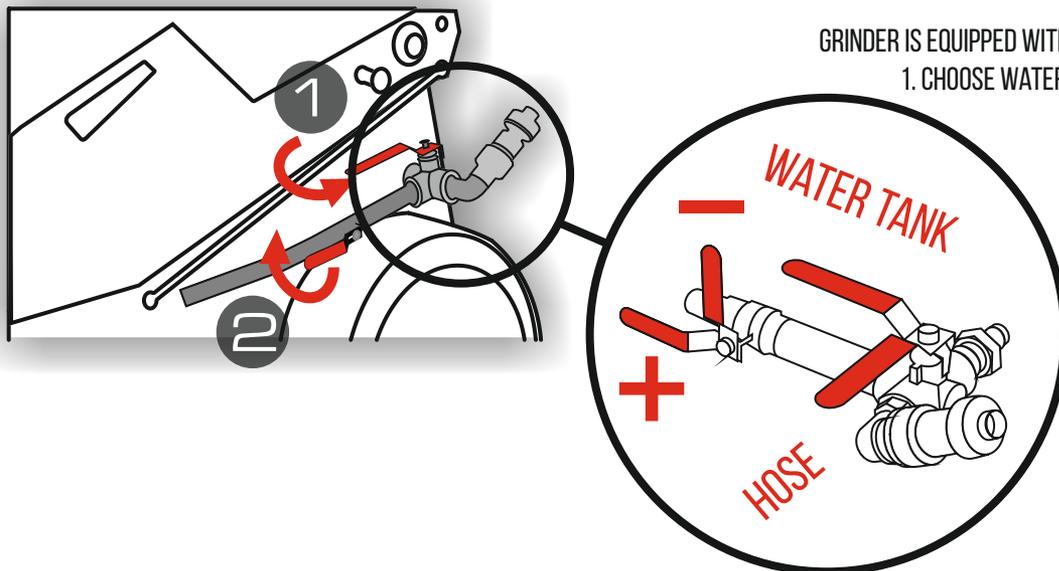
TOOL MOUNTING



USE THE TOOL HOLDER KEY / 1 / TO ROTATE THE KEY LOCK / 3 / IN ORDER TO UNLOCK AND REMOVE SECURITY PLATE / 2 /.

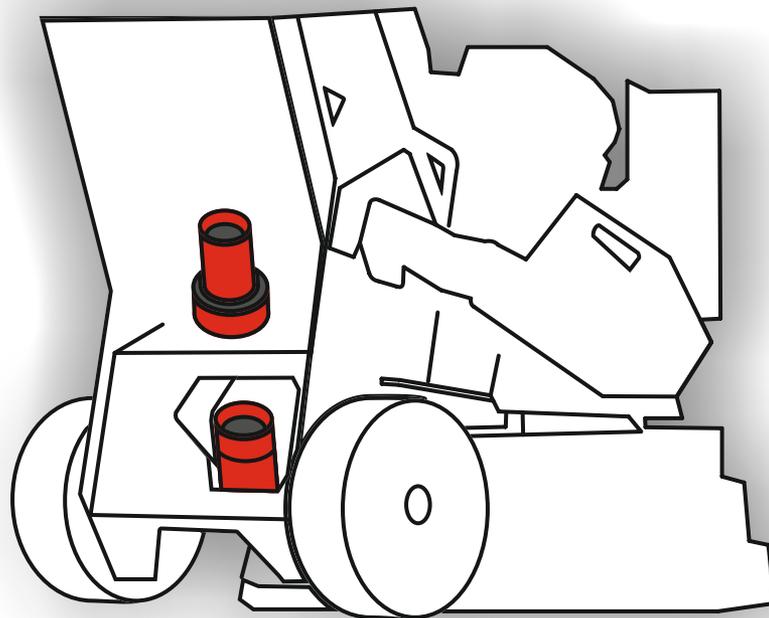
PLACE THE QUICKCHANGE TOOLS INTO THE TRAPEZOID SLOTS, PUT THE SECURITY PLATE BACK AS SHOWN, AND ROTATE THE KEY LOCK TO LOCK THE SECURITY PLATE.

WATER SYSTEM



GRINDER IS EQUIPPED WITH A TWO-WAY WATER TAP.
1. CHOOSE WATER SOURCE - TANK OR HOSE.
2. ADJUST WATER FLOW.

CONNECTING A VACUUM

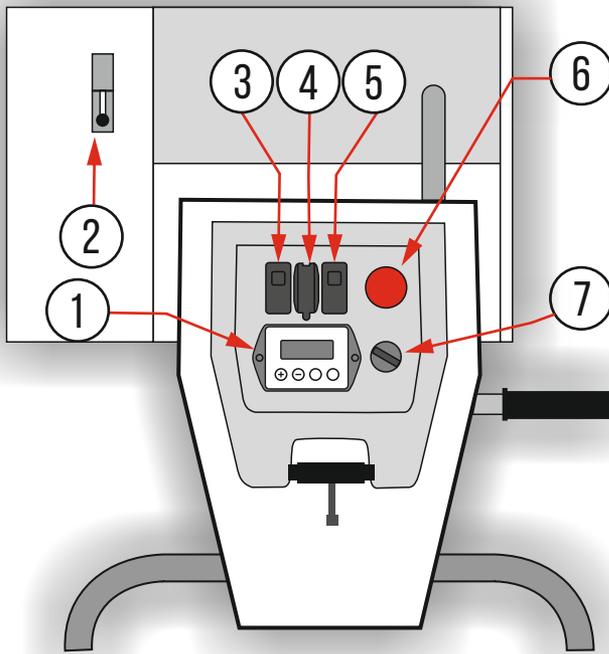


IF WORKING DRY, CONNECT A VACUUM.
GRINDER IS EQUIPPED WITH A CAMLOCK FITTING:

2.5" E250 ON 25" MACHINES

3" E300 ON 30" MACHINES

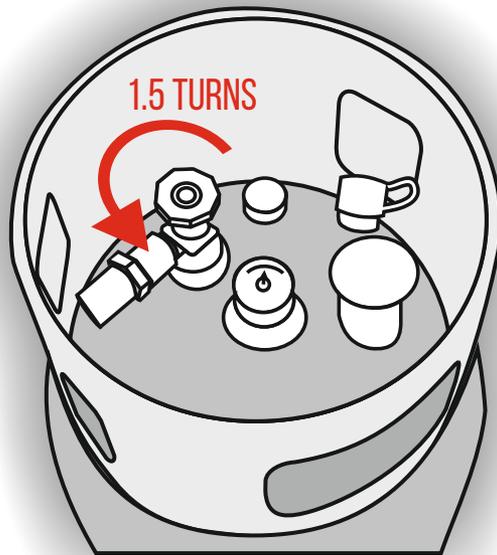
CONTROL BOARD



1. ELECTRONIC MODULE
2. THROTTLE CONTROLLER
3. ENGAGE / DISENGAGE CLUTCH
4. USB PORT
5. LIGHTS SWITCH
6. EMERGENCY STOP BUTTON
7. START / STOP ENGINE SWITCH

STARTING MACHINE

USE ONLY VAPOR PROPANE TANKS. DO NOT FILL TANK OVER 80%.
USING A LPG TANK (USED ON FORKLIFTS) WILL PREVENT ENGINE FROM STARTING AND WORKING PROPERLY, AND RESULT IN DAMAGING THE PRESSURE REGULATOR.
WHEN DONE WORKING, STORE PROPANE TANK OUTSIDE THE BUILDING, IN A SECURE PLACE, AWAY FROM HEAT OR DIRECT SUNLIGHT.



- CONNECT THE RED BATTERY CONNECTOR BEFORE STARTING MACHINE (PROPANE & REMOTE-CONTROL MODELS).
- CHECK OIL LEVEL & FOLLOW MANUAL INSTRUCTIONS.
- OPEN THE SERVICE VALVE ON THE PROPANE TANK ABOUT ONE AND A HALF (COUNTERCLOCKWISE) TURNS.
- SET THE THROTTLE LEVER TO APPROX. 1/5 OF ITS MOVEMENT CAPABILITY. DON'T START ENGINE AT FULL THROTTLE!
- ENGAGE START/STOP SWITCH FOR 5-6 SEC. MAX, OR UNTIL THE ENGINE FIRES. IF THIS IS EXCEEDED, SERIOUS DAMAGE WILL RESULT, AND THE WARRANTY MAY BE VOID.
- OPERATE THE ENGINE AT HALF THROTTLE FOR APPROX. 2 MIN. TO PROPERLY WARM ENGINE. THEN, ADVANCE TO FULL THROTTLE.
- HOLD THE MACHINE FIRMLY AND PUSH CLUTCH BUTTON IN ORDER TO ENGAGE THE CLUTCH AND START WORKING.

STOPPING MACHINE

STOPPING THE MACHINE MUST BE DONE GRADUALLY.

- DISENGAGE THE CLUTCH BY PUSHING THE CLUTCH SWITCH AND RETURN THROTTLE TO IDLE.
- WAIT 5-10 SECONDS.
- TURN THE START/STOP SWITCH FULLY TO THE LEFT TO ARREST THE ENGINE. ONLY IN CASE OF EMERGENCY, PRESS THE EMERGENCY STOP BUTTON.
- CLOSE THE SERVICE VALVE ON THE PROPANE TANK.
- DISCONNECT THE BATTERY TO AVOID BATTERY DRAIN.