

# Safe Operating Procedure



## PPE Required



## CP Style Road roller



### General Safety Instructions

- Complete pre-start checklist
- Read Manufacturers Operation Manual ([www.flexihire.com.au](http://www.flexihire.com.au))
- Report any faults or damage to Flexihire 1300FLEXIHIRE
- Do not wear loose clothing or jewellery
- Do not operate equipment near pedestrians or people
- Do not operate without the appropriate PPE as detailed
- Do not operate equipment under the influence of drugs or alcohol

### General Engine Safety

- **Refuelling** – Do not smoke, or introduce ignition source, always turn engine off and allow engine to cool first, relieve fuel pressure by loosening cap slowly, wipe clean any fuel spills prior to re-start, If fuel spilled on clothes change clothes, ensure cap is replaced & store fuel vessel away from work area
- Do not breathe fuel vapour & replace cap securely after fuelling
- Do not operate engine without adequate ventilation
- Beware of hot surfaces on engine & other parts

### Risk Assessment

- Assess the immediate work area for any hazards
- Control or eliminate all the risks associated with the hazards
- Hazards to check for that may require risk control-
  - Overhead power lines
  - Digging
  - Confined space
  - Traffic & moving machinery
  - Stored energy – air, hydraulic, electricity, pressure
  - Working at height
  - Falling objects
  - High Voltage
  - Any stored energy

### Operating Safety Instructions

Ensure you are familiar with the emergency stop, engine shut down procedure and braking systems. Ensure Emergency stop and battery isolator is set to operate prior to entering cab.	Do not operate near a trench, gully, valley or drop off in the ground & Avoid driving across a slope and never drive on a slope greater than 20 degrees or 36%. Use lowest gear on a slope.
Ensure you always maintain 3 points of contact climbing in and out of roller, beware of door pinch points & test it opens from inside. Never mount roller whilst it is moving.	Ensure segregation from general traffic flow and pedestrians. It is recommended to maintain a 7m exclusion zone. Avoid sharp turns
Always wear seat belt and be seated during operation	Beware of soft, damp and wet soils that may give way
Do not operate roller if you do not have vision as required by your standard Drivers Licence	Maintain proper tyre pressure – refer manufacturer specifications
Do not operate roller with any passengers	When driving close to unsafe edges or holes, ensure at least 2/3 of the drum width is on firm ground
Do not operate roller unless you are competent to operate	Ensure parking brake is engaged prior to leaving roller
Secure seat prior to operation and always close door on cab prior to operation	Do not park roller on uneven ground
Plan work area & set mirrors prior to operation	Read Operation Manual prior to servicing or towing
Do not operate plant in confined spaces	All hydraulic lines and fluid cooling systems are pressurised so never open, cut or damage lines
Never use petrol as a cleaning agent on roller	Only approved service personnel to work on air conditioning as it contains harmful gases and high pressure
ROPS (Roll over protection structure) is always recommended on slopes and if damaged cease work immediately and contact Flexihire	Prior to Service or working on Roller, tag out roller, remove keys, chock wheels and drums
Do not operate roller until hydraulic fluids have reached operating temperature as breaking distance impacted	For transporting, ensure the roller is secured to the truck in line with the Australian Load Restraint Guide 2018
Battery isolator located in engine compartment. Engine hood must be unlocked during operation so the isolator can be quickly accessed.	Never climb on roller
<b>IMPORTANT **DAILY BRAKE TESTS &amp; ENGINE SHUT DOWN TEST**</b>	
1. Perform interlock function test. Remove seat belt, whilst rolling slowly (fwd AND rvs) brace wheel firmly, stand up out of seat, buzzer goes off followed by engine shut down.	
2. Check the Emergency stop function by pressing whilst the roller moving slowly (fwd AND rvs) – be prepared for sudden stop	
3. Check Parking Brake by activating parking brake whilst slowly moving (fwd AND rvs) – be prepared for sudden stop	
4. Check normal brake operation, whilst driving apply brake pedal to ensure it stops.	
Never operate or start the machine from outside the cab or seat as you could move the controls the wrong way and cause serious injury. Also never operate the machine with another person helping as they can be crushed	Never open the radiator cap when the engine is running or hot
	If the machine tips – do not jump, brace yourself, stay in cab, keep seatbelt fastened, hold on and lean away from point of contact