


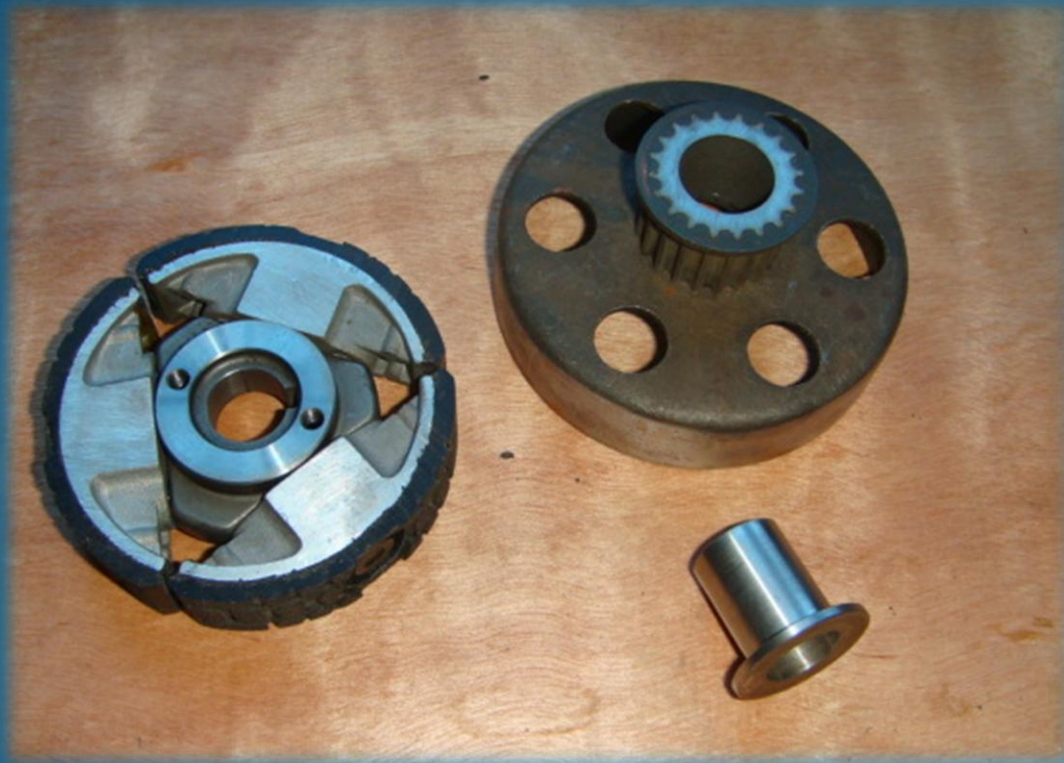
HuaSheng 142F 49cc engine idles at approx. 2500 RPM

**Know your CC**

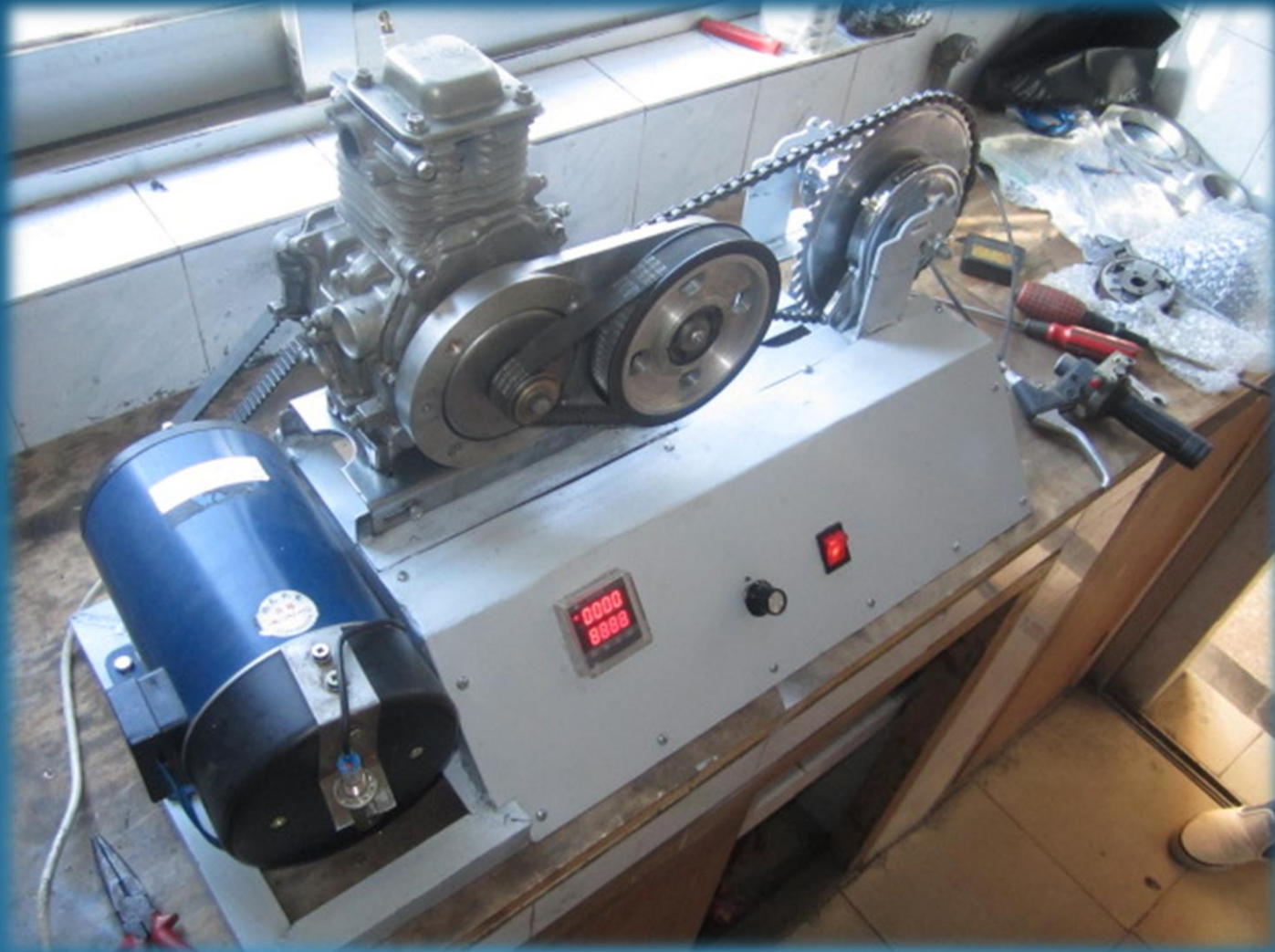


**5/8" Straight shaft engine**

# CC is acronym for Centrifugal Clutch



3 shoe pads held by spring tension  
activated by centrifugal force:



**To know what RPM the CC will latch a special machine was built to test it.**



Not engaged

The image shows a close-up of a mechanical assembly with two large gears. The gears are positioned such that they are not in contact, indicating they are disengaged. A chain drive is visible in the background.

3061 RPM



3061  
8888

A small digital display with a red LED screen showing the number 3061 on the top line and 8888 on the bottom line.



Now engaged & Latched

The image shows the same mechanical assembly as above, but now the two large gears are in contact and meshed together. The text 'Now engaged & Latched' is overlaid on the image.

3120 RPM



3120  
8888

A small digital display with a red LED screen showing the number 3120 on the top line and 8888 on the bottom line.



# How to adjust

## **Springs Specs:**



**6 coils of 1.8mm wire  
14mm dia. coil X 20mm long**



**Use a thin wall socket to remove 3 should bolts.  
To increase RPM latch speed add more washers and vise versa to reduce it.**