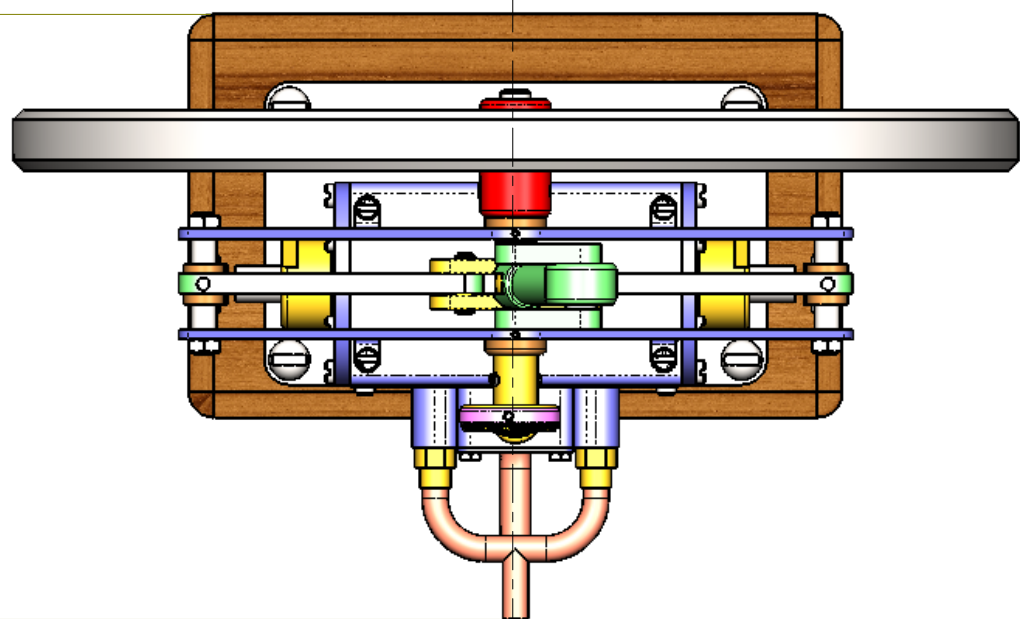


120

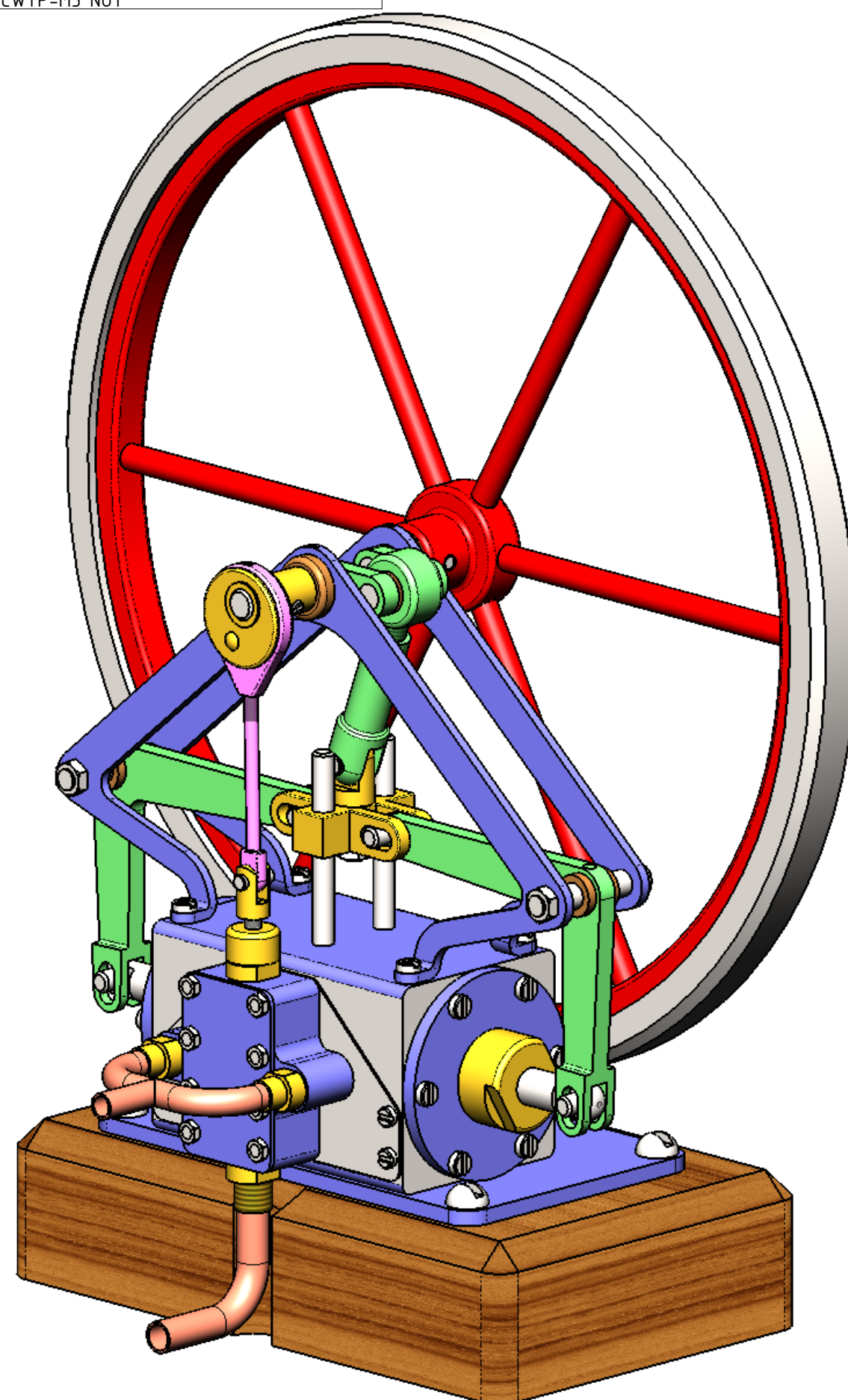
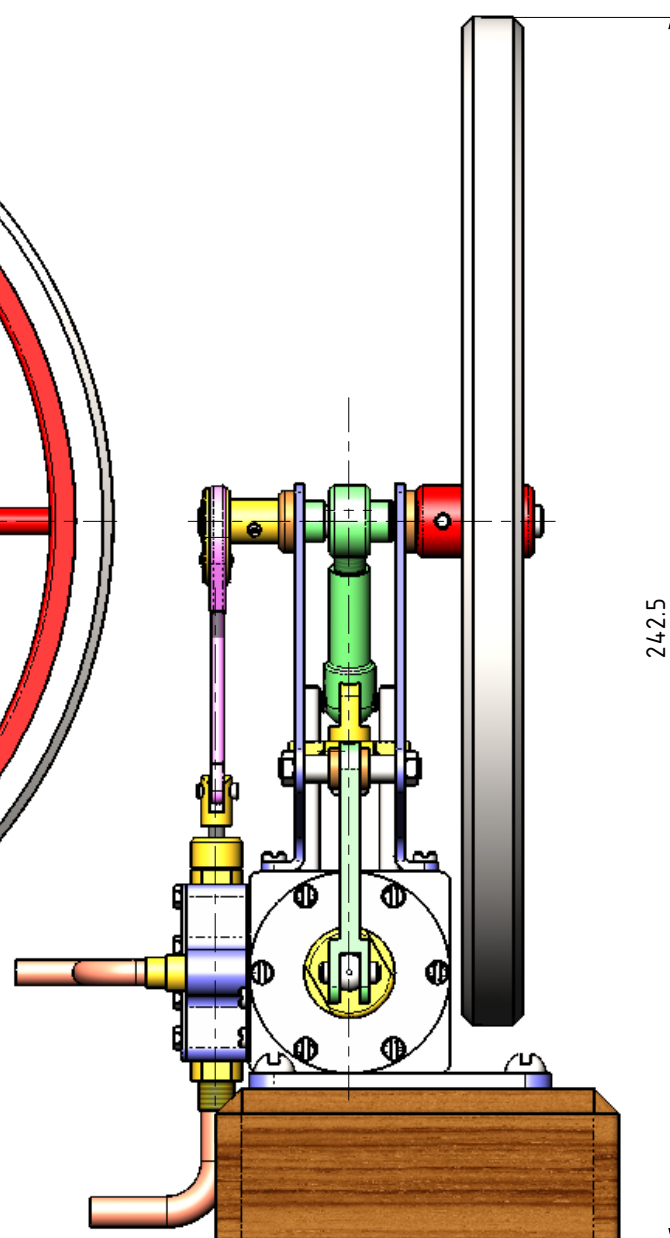
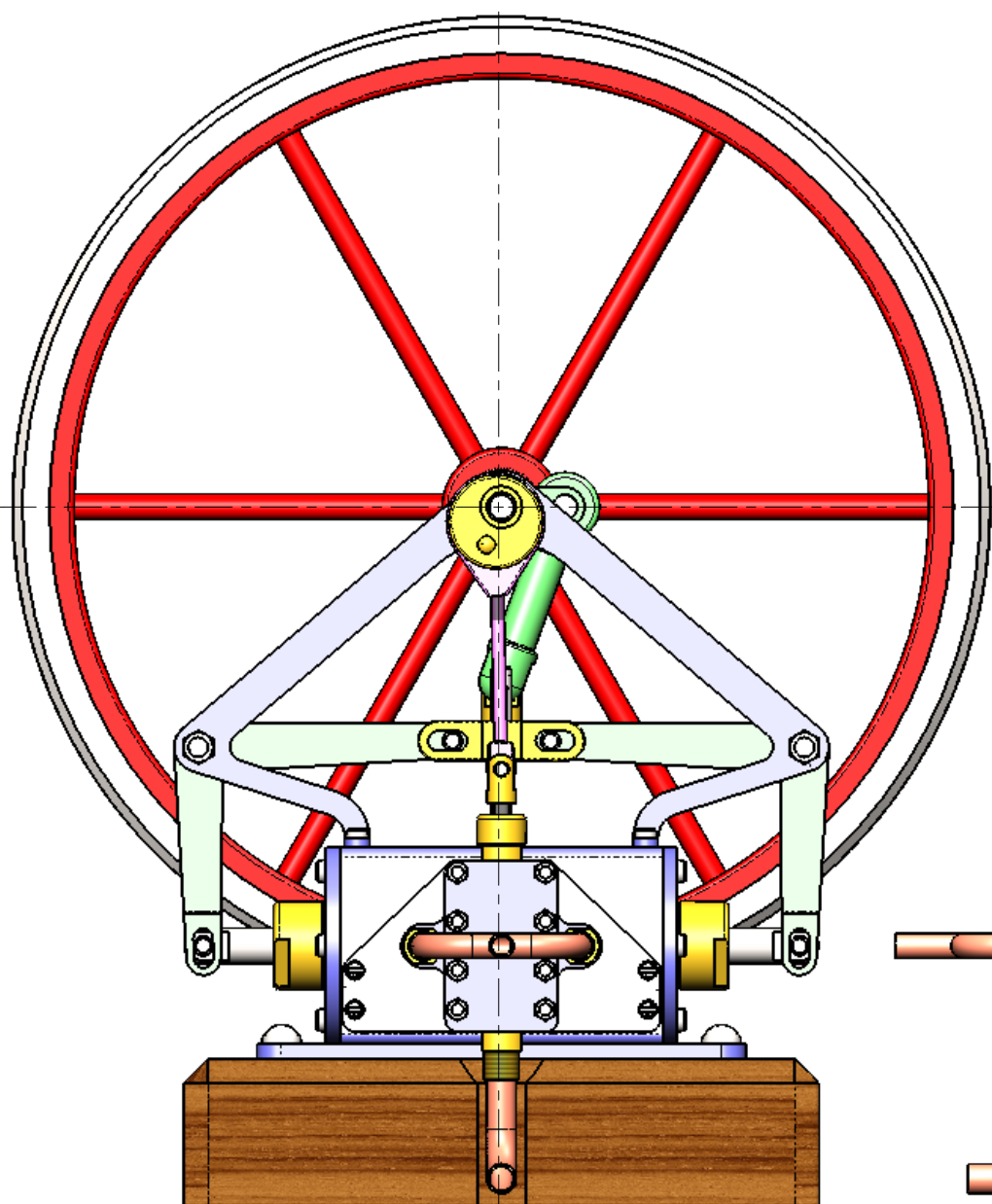


| QTY. | PART NUMBER                         |
|------|-------------------------------------|
| 2    | SCWTP-01-SIDE STAND                 |
| 1    | SCWTP-02-BASE PLATE                 |
| 2    | SCWTP-03-CRANK SHAFT BEARING        |
| 2    | SCWTP-04-SIDE STAND SPACER          |
| 2    | SCWTP-05-M4x50 THREADED ROD         |
| 1    | SCWTP-06-CYLINDER                   |
| 2    | SCWTP-07-SLIDING POST               |
| 1    | SCWTP-08-SLIDER                     |
| 1    | SCWTP-09-SLIDER HOOK                |
| 2    | SCWTP-10-CON ROD LINK ARM           |
| 2    | SCWTP-11-PISTON AND ROD             |
| 1    | SCWTP-12-CRANK                      |
| 1    | SCWTP-13-CON ROD                    |
| 2    | SCWTP-14-CYLINDER COVER             |
| 1    | SCWTP-15-VALVE CHAMBER              |
| 1    | SCWTP-16-VALVE CHAMBER SPACER PLATE |
| 1    | SCWTP-17-VALVE CHAMBER COVER        |
| 1    | SCWTP-18-VALVE                      |
| 1    | SCWTP-19-VALVE ROD                  |
| 1    | SCWTP-20-VALVE EXCENTRIC            |
| 1    | SCWTP-21-EXCENTRIC HOUSING AND ROD  |
| 1    | SCWTP-22-FLYWHEEL                   |
| 1    | SCWTP-23-WOOD BASE                  |
| 1    | SCWTP-24-STEAM INLET PIPE           |
| 1    | SCWTP-25-STEAM OUTLET PIPE          |
| 1    | SCWTP-26-VALVE ROD GLAND AND NUT    |
| 8    | SCWTP-M2.5 NUT                      |
| 2    | SCWTP-M2.5x3 GRUB SCREW             |
| 4    | SCWTP-M2.5x5 CYLINDERHEAD SCREW     |

| QTY. | PART NUMBER                    |
|------|--------------------------------|
| 16   | SCWTP-M3x10 CYLINDERHEAD SCREW |
| 1    | SCWTP-M3x14 GRUB SCREW         |
| 5    | SCWTP-M4 NUT                   |
| 4    | SCWTP-WOOD SCREW               |
| 2    | SCWTP-M5 NUT                   |

142.5

242.5



## NOTES:

| TITLE                                                       |  |
|-------------------------------------------------------------|--|
| EXPERIMENTAL SINGLE CYLINDER STEAM ENGINE WITH TWO PISTONS. |  |
| A3 GENERAL ARRANGEMENT                                      |  |

|  |  |  |                                                                                                                                |                            |                             |                         |             |
|--|--|--|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|-------------------------|-------------|
|  |  |  | JDW DRAUGHTING SERVICES<br>12 BRIGHTWELL STREET<br>PAKAKURA NEW ZEALAND<br>TEL/FAX 0064-09-2988815<br>E-MAIL:dewaal@xtra.co.nz | DRAWN BY<br>J.A.M. DE WAAL | PROJECTION<br>              | DRAWING NUMBER<br>SCWTP | SHEET<br>01 |
|  |  |  |                                                                                                                                | DATE<br>JUNE 2009          | SCALE<br>1:1 or<br>AS SHOWN | SHT of SHY<br>01 of 04  | REV<br>A    |