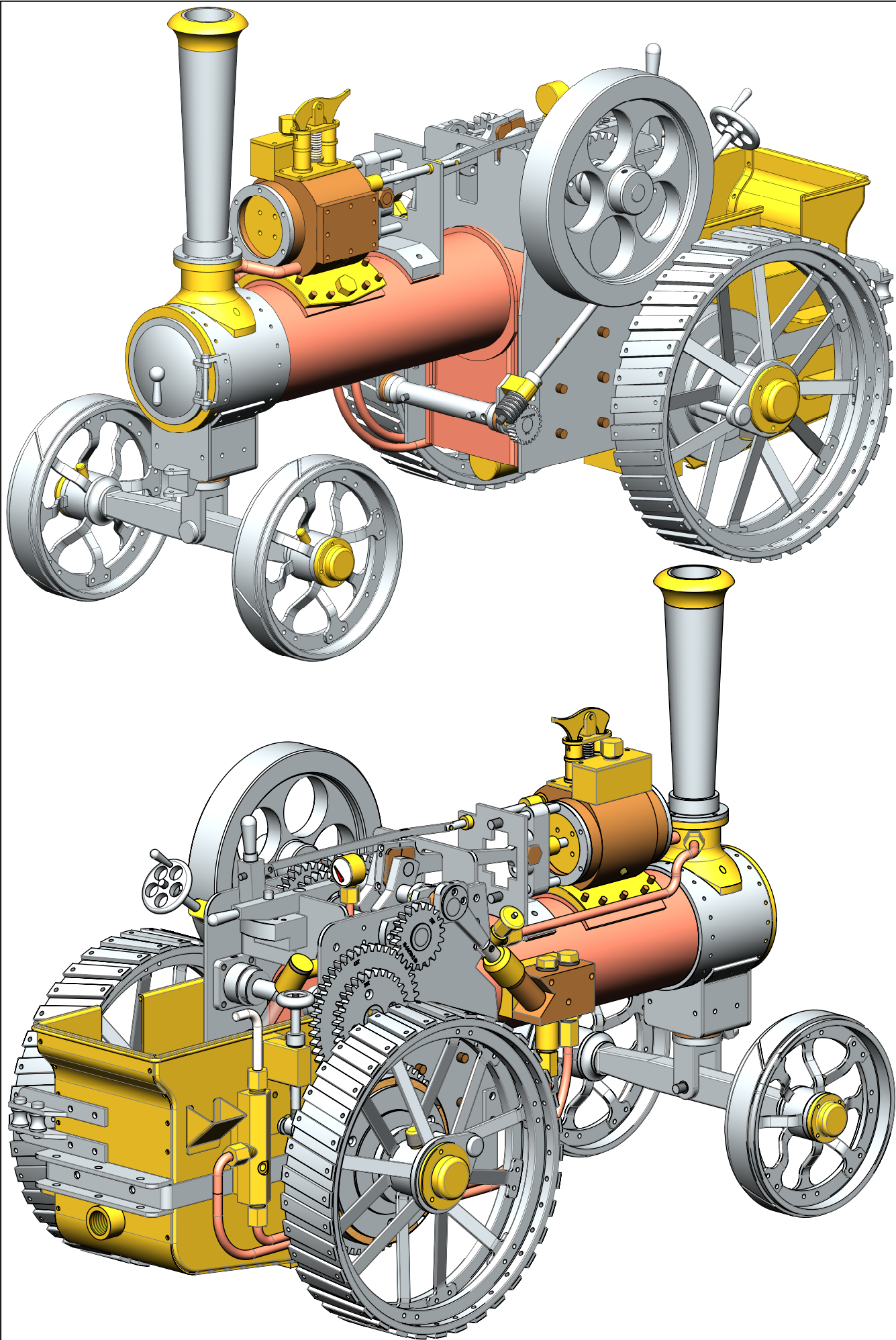




OTHER ABBREVIATIONS		QTY.	PART NUMBER	QTY.	PART NUMBER
DP = DEEP		1	08-14-00-2-1-09-WTR PMP ECCENTRIC STRAP	1	08-14-00-1-1-01-PERCH BRACKET
DAA= DRILL AFTER		1	08-14-00-2-1-10-GEAR CHANGE LEVER	1	08-14-00-1-1-02-PUSH-PULL LUG
ASSEMBLY		1	08-14-00-2-1-11-REGULATOR	1	08-14-00-1-1-03-FRONT WHEEL AXLE FORK
D&TAA= DRILL AND TAP		1	08-14-00-2-1-12-REGULATOR HANDLE	1	08-14-00-1-1-04-FRONT WHEEL AXLE
AFTER ASSEMBLY		1	08-14-00-2-1-13-REGULATOR CON ROD	2	08-14-00-1-1-05-FRONT WHEEL HUB
CF = CLOSE FIT (SIZE FOR SIZE)		1	08-14-00-2-1-14-2ND IDLER SHAFT	16	08-14-00-1-1-06-FRONT WHEEL SPOKE
PF = PRESS FIT		1	08-14-00-2-1-15-2ND IDLER SHAFT SLIDING COLLAR	2	08-14-00-1-1-07-FRONT WHEEL RIM
PFAA= PRESS FIT AFTER ASSEMBLY		1	08-14-00-2-1-16-2ND IDLER SHAFT GEAR WHEEL-27T	1	08-14-00-1-1-08-SMOKE BOX
PCD = PITCH CIRCLE DIAMETER		1	08-14-00-2-1-17-2ND IDLER SHAFT GEAR WHEEL-23T	1	08-14-00-1-1-09-DOOR HINGE
RM = REAM		1	08-14-00-2-1-18-2ND IDLER SHAFT GEAR WHEEL-20T	1	08-14-00-1-1-10-DOOR HINGE BRACKET
HEX = HEXACON, 6SIDED		1	08-14-00-2-1-19-3RD IDLER SHAFT	1	08-14-00-1-1-11-SMOKE BOX CHIMNEY
CP = COMPRESSED		1	08-14-00-2-1-20-3RD IDLER SHAFT GEAR WHEEL-45T	1	08-14-00-1-1-12-BLOWER NOZZLE+CONNECTOR
KNL = KNURLD		1	08-14-00-2-1-21-3RD IDLER SHAFT GEAR WHEEL-30T	1	08-14-00-1-1-13-BLOWER SUPPLY PIPE
CSK = COUNTERSINK		1	08-14-00-2-1-22-REAR WHEEL AXLE	1	08-14-00-1-2-01-BOILER SHELL
PL = PLACES		1	08-14-00-2-1-23-REAR WHEEL SHAFT GEAR WHEEL-80T	1	08-14-00-1-2-02-FIRE BOX
DWL= DOWEL		1	08-14-00-2-1-24-BRAKE DRUM	3	08-14-00-1-2-03-FIRE TUBE
SPF= SPOTFACE		1	08-14-00-2-1-25-BRAKE LEVER BRACKET	2	08-14-00-1-2-04-SYPHON TUBE
(T)HESOP=(TAPPED)HOLES EQUALLY SPACED ON PCD		1	08-14-00-2-1-26-BRAKE TRUNNION NUT	2	08-14-00-1-2-05-GAUGE BUSH
(T)HESOC=(TAPPED)HOLES EQUALLY SPACED ON CIRCUMFERENCE		1	08-14-00-2-1-27-BRAKE LEVER SPINDLE	1	08-14-00-1-2-06-STEAM BLOCK
[SA-xxx]= SUB ASSEMBLY-xxx		1	08-14-00-2-1-28-BRAKE BAND+PADS	1	08-14-00-1-2-07-CYLINDER BLOCK
NOTES:		1	08-14-00-2-1-29-CABLE DRUM	1	08-14-00-1-2-08-CYLINDER BLOCK SADDLE
0. ALL DRAWINGS ARE IN METRIC MEASUREMENTS		1	08-14-00-2-1-30-REAR WHEEL RIM+STRAKES	2	08-14-00-1-2-09-BLOCK FLANGE
1. ALL ENGINEERING PRACTICES SHALL BE APPLIED WITH REGARDS TO HOLE AND SHAFT TOLERANCES.		1	08-14-00-2-1-30-REAR WHEEL RIM+STRAKES	1	08-14-00-1-2-10-MOVING CYLINDER GUIDE SCREW
2. WHERE SCREWS OR BOLTS ARE USED THE CLEARANCE HOLES SHALL BE APPROXIMATELY 5% TO 8% LARGER THAN THE MATCHING TAPPED HOLE.		2	08-14-00-2-1-31-REAR WHEEL HUB+PLATES	1	08-14-00-1-2-11-CYLINDER PLUG-1
3. PREFERABLY ALL TAPPED HOLES AND MATCHING SCREWS AND/OR BOLTS TO BE METRIC FINE (MF)		24	08-14-00-2-1-32-REAR WHEEL SPOKE	1	08-14-00-1-2-12-CYLINDER PLUG-2
4. MATERIALS SPECIFIED ON THE DRAWINGS ARE INDICATIVE ONLY. THE BUILDER CAN MAKE HIS/HER OWN MATERIAL CHOICE.		2	08-14-00-2-1-33-REAR WHEEL LOCKING PIN	1	08-14-00-1-2-13-OILER CONTAINER
5. ALL CONNECTIONS/JOINTS WHICH HAVE STEAM PRESSURE APPLIED TO IT SHALL BE SILVER/HARD SOLDERED.				1	08-14-00-1-2-14-SAFETY VALVE BODY
6. COMPRESSION SPRINGS ARE DRAWN IN COMPRESSED STATE (CP), UNCOMPRESSED STATE IS APPROX 40% TO 60% LONGER THEN COMPRESSED STATE.				1	08-14-00-1-2-15-SAFETY VALVE LEVER
7. WHERE PREFERRED SCREW OR RIVETED CONNECTIONS CAN BE OMITTED AND PARTS CAN BE BONDED TOGETHER BY USING EITHER HIGH STRENGTH GLUE, EPOXY RESIN, OR SOLDER.				1	08-14-00-1-2-16-REGULATOR BUSH
8. PARTS WHICH ARE DIRECTLY EXPOSED TO STEAM AND/OR WATER SHOULD BE CONSTRUCTED USING NON-FERROUS OR NON CORROSIVE MATERIAL SUCH AS BRASS, BRONZE, GUNMETAL, STAINLESS STEEL, COPPER OR MONEL.				11	08-14-00-1-2-17-SPECIAL BRONZE BOILER BOLT
9. THE ORDER IN WHICH THE PARTS/COMPONENTS ARE MANUFACTURED AND THE MODEL IS ASSEMBLED IS ENTIRELY LEFT TO THE BUILDER/MODEL MAKER.				8	08-14-00-1-2-18-SPECIAL BRONZE FIREBOX BOLT
10. A COLOUR SCHEME FOR THIS PROJECT IS ENTIRELY LEFT UP TO THE MODEL MAKER.				4	08-14-00-1-2-18-SPECIAL BRONZE FIREBOX BOLT
11. THE MANNER IN WHICH THE PARTS/COMPONENTS ARE MANUFACTURED IS ENTIRELY LEFT UP TO THE BUILDER.				1	08-14-00-1-2-19-SPECIAL BRASS CYLINDER SADDLE BOLT
12. USE LOCTITE, ON SCREW OR PRESS FIT CONNECTIONS OR SURFACES, WERE DEEMED NECESSARY TO PREVENT PARTS FROM LOOSENING.				2	08-14-00-1-2-20-CROSSHEAD GUIDE BAR
13. WASHERS AND/OR SPRING WASHERS SHALL BE USED WHERE DEEMED NECESSARY.				1	08-14-00-1-2-21-MOTION PLATE
14. INQUIRE AT THE APPROPRIATE AUTHORITIES WHETHER OR NOT THIS BOILER REQUIRE A PRESSURE TEST CERTIFICATE.				1	08-14-00-1-2-22-WATER LEVEL GAUGE
XX. ERRORS AND/OR OMISSIONS MAY OCCUR IN THE DRAWINGS, DO NOT HESITATE TO CONTACT ME SO THAT THE ERRORS/OMISSIONS CAN BE RECTIFIED.				1	08-14-00-1-2-23-EXHAUST PIPE
				1	08-14-00-1-2-24-MECH WTR PMP BLOCK
				1	08-14-00-1-2-25-MECH WTR PMP INLET
				1	08-14-00-1-2-26-MECH WTR PMP DISCHARGE
				2	08-14-00-1-2-27-MECH WTR PMP CAP
				1	08-14-00-1-2-28-BLOWER VALVE
				1	08-14-00-1-2-29-PRESSURE GAUGE
				1	08-14-00-1-3-01-SPECTACLE+HORN PLATE
				2	08-14-00-1-3-02-CRANKSHAFT BEARING
				2	08-14-00-1-3-03-2nd IDLER SHAFT BEARING
				2	08-14-00-1-3-04-3rd IDLER SHAFT BEARING
				2	08-14-00-1-3-05-REAR WHEEL SHAFT BEARING
				1	08-14-00-1-3-06-GEAR CHANGE LEVER BRACKET
				1	08-14-00-1-3-08-LH-STEERING CHAIN DRUM BEARING PLATE
				1	08-14-00-1-3-09-RH-STEERING CHAIN DRUM BEARING PLATE
				1	08-14-00-1-3-10-TOP STEERING COLUMN BEARING
				1	08-14-00-1-3-10-TOP STEERING COLUMN BEARING
				1	08-14-00-1-3-11-STEERING CHAIN DRUM
				1	08-14-00-1-3-12-SEETRING COLUMN
				1	08-14-00-1-3-13-TENDER SHELL
				1	08-14-00-1-3-14-DRAW BAR
				1	08-14-00-1-3-15-TENDER STRAP
				1	08-14-00-1-3-16-WATER TANK
				1	08-14-00-1-3-17-WATER POCKET
				1	08-14-00-1-3-18-CABLE FAIRLEAD
				1	08-14-00-1-3-19-BYPASS VALVE
				1	08-14-00-1-3-20-BYPASS VALVE SPINDLE
				4	08-14-00-1-3-21-M10x6 PIPE NUT
				1	08-14-00-1-3-22-GAS TANK SHELL
				1	08-14-00-1-3-23-GAS SUPPLY BLOCK+BURNER
				1	08-14-00-1-3-24-GAS SUPPLY PIPE
				1	08-14-00-1-3-25-BRAKE MOUNTING PLATE
				1	08-14-00-1-4-01-WTR PMP SUCTION PIPE
				1	08-14-00-1-4-02-WTR PMP DISCHARGE PIPE
				1	08-14-00-2-1-01-MOVING CYLINDER
				1	08-14-00-2-1-02-PISTON+ROD
				1	08-14-00-2-1-03-CONNECTION ROD
				1	08-14-00-2-1-04-CRANK SHAFT
				1	08-14-00-2-1-05-CRANKSHAFT GEAR WHEEL-12T
				1	08-14-00-2-1-06-CRANKSHAFT GEAR WHEEL-16T
				1	08-14-00-2-1-07-WTR PMP ECCENTRIC SHEAVE
				1	08-14-00-2-1-08-WTR PMP PISTON