Worksheet- Welding Manipulator

1. OVERALL DIMENSIONS:
   MAXIMUM REACH REQUIRED _____ Feet (measured from CL of Mast/Upright)

   MINIMUM REACH REQUIRED _____ Feet (measured from CL of Mast/Upright)
   - ○ VARIABLE SPEED (Standard)
   - ○ MANUAL (Small models only)

   MAXIMUM LIFT REQUIRED _____ Feet (measured from CL of Boom/Ram)

   MINIMUM LIFT REQUIRED _____ Feet (measured from CL of Boom/Ram)
   - ○ CONSTANT SPEED (Standard)
   - ○ VARIABLE SPEED (Special Applications)
   - ○ MANUAL (Small models only)

   MAXIMUM HEIGHT OVERALL _____ Feet

2. MAXIMUM LOAD REQUIRED ON END OF BOOM/RAM _____ Lbs.

3. MAST/UPRIGHT ROTATION:
   - ○ NONE
   - ○ MANUAL
   - ○ POWERED

4. BASE:
   - ○ NONE (Mast/Upright anchors directly to floor)
   - ○ SELF STANDING (Requires no floor anchors)

5. TRAVEL CAR:
   - ○ MANUAL
   - ○ POWERED, Constant Speed (used for positioning only)
   - ○ POWERED, Variable Speed (used for welding axis)
   - ○ TRACK, TRAVEL REQUIRED _____ Inches

6. STYLE OF MANIPULATOR
   - ○ ARONSON (Rack and pinion lift, friction reach, roundways w/ machined rollers)
   - ○ RANSOME (Chain lift, rack and pinion reach, replaceable ways, taller HOA dimension)

7. PRIMARY POWER: _____ Volts, _____ Phase, _____ Hertz
(Standard 460/3/60)

8. WELDING EQUIPMENT MOUNTING:

9. ACCESSORIES:

10. NOTES:

11. MODEL (if known): _____