

ORDER SPECIFICATION SHEET

“A compressed soil block machine shall be equipped with the following specifications, characteristics, and/or items:

- * The machine shall have the capability of producing up to 480 blocks per hour
- * The block press mechanism shall have a vertical press action across the breadth of the block - not a horizontal press action
- * The press plates shall have an elastomeric material of at least 80 durometers of hardness applied to them
- * The block chambers and block exit surfaces shall be constructed of AR400 grade or greater steel
- * The fuel usage shall be less than 1.75 gallons of diesel per hour of operation
- * The machine shall be capable of producing two sizes of blocks (14” long x 10” wide or 14” long x 7” wide)
- * The machine shall have the ability to adjust the block thickness from 2.0” to 4.5”
- * The machine shall have the capability to replace the breech wear plates
- * The machine shall have the capability to replace the tray wear plates
- * The machine shall be equipped with a 48 horsepower or less engine
- * The machine shall be equipped with a pintle hook hitch placed at Humvee height
- * The machine shall be equipped with four (4) helicopter lifting hooks each capable of lifting a minimum of 6,500 pounds each
- * The operating engine shall be equipped with Murphy safety shut downs over heat and oil pressure
- * The machine shall be equipped with hydraulic brakes (surge) with auto reverse
- * The machine shall be equipped with a mechanical parking brake
- * The machine shall be equipped with either Goodyear Wrangler MT Military .OZ Load Range D 37x12.50R16.5 M+S run flat tires including spare (Humvee) **OR** all steel side wall Bridgestone Radial Duravis R250 Load Range E 215/85/R16 tires and spare
- * The machine shall be equipped with solid state Omron Industrial Controllers housed in a NEMA 12 Box
- * The machine shall be equipped with a beta rated oil filtration system