MDS/HI-FLEX/WELDING KIT ORDERING SPCIFICATIONS

DOCUMENT # 6201-3344

1. Master drive unit must run from 2-120 inches per minute

2. Must have a vertical load capacity of 60 LBS and a horizontal load capacity of 100 LBS.

3. Must be a 120 VAC Master Drive Unit

4. Modular drive system must provide direction and speed control for continuous welding applications

5. Modular drive system must offer rigid heavy duty aluminum rail with a minimum of 6 ea. rare earth on/off magnets along with Hi-Flex stainless steel rail.

6. Each system rare earth magnet must have at least 250 LBS. holding power

7. Hi-Flex rail must be able to flex to a 30" radius and back straight

8. Hi-Flex rail must be at least 55" in length

9. Hi-Flex rail must be made of tempered, wear resistant stainless steel with a steel rack

10. Must be able to operate on both flat and curved surfaces in all positions

11. Must have high resolution voltage control

12. Must be able to operate in CC or CV power supply

13. Weld Contact Cable must be 25 feet in length

14. Combined contactor box and drive weight not to exceed 90 LBS

15. System must be certified in nationally recognized testing laboratory

16. Must have LCD displays

17. Must be able to use contactor in power supply and not operate on external contactor

18. All submissions must comply with all shipyard electrical welding equipment requirements without equipment modification

19. Any new equipment must be able to be put into service without requiring additional equipment qualification testing, new training for operators or alteration of existing weld process instructions and/or procedures

20. All offers will be evaluated for compatibility and suitability by Shop 26, Shop 31M, C138 weld engineers and C/106 prior to award

21. New submissions may require onsite demonstration and evaluation at vendor expense prior to award

MDS WELDING KIT ORDERING SPECIFICATIONS

DOCUMENT # 6201-3345

1. Master drive unit must run from 2-120 inches per minute

2. Must have a vertical load capacity of 60 LBS and a horizontal load capacity of 100 LBS

3. Must be a 120 VAC Master Drive Unit

4. Modular drive system must provide direction and speed control for continuous welding applications

5. Modular drive system must offer rigid heavy duty aluminum rail with a minimum of 6 ea. rare earth on/off magnets

6. Each system rare earth magnet must have at least 250 LBS. holding power

7. Rigid heavy duty aluminum rail must come in at least 8' lengths that is inner changeable with 4' Rigid heavy duty aluminum rails

8. Must be fully interchangeable with current equipment and inventory

9. Must be able to operate on flat surfaces in all positions

10. Must have high resolution voltage control

11. Must be able to operate in CC or CV power supply

12. Weld Contact Cable must be 25 feet in length

13. Combined contactor box and drive weight not to exceed 90 LBS

14. Carriage must be at least 12" in length

15. Carriage must be releasable and equipped with an engagement knob that allows unit placement anywhere on the track

16. System must be certified in nationally recognized testing laboratory

17. Must have LCD displays

18. Must be able to use contactor in power supply and not operate on external contactor

19. All submissions must comply with all shipyard electrical welding equipment requirements without equipment modification

20. Any new equipment must be able to be put into service without requiring additional equipment qualification testing, new training for operators or alteration of existing weld process instructions and/or procedures

21. All offers will be evaluated for compatibility and suitability by Shop 26, Shop 31M, C138 weld engineers and C/106

22. New submissions may require onsite demonstration and evaluation at vendor expense prior to award