

BARTON COUNTY ROAD & BRIDGE DEPARTMENT

BARTON COUNTY, KANSAS

MINIMUM SPECIFICATIONS FOR FOUR (4) ROTARY MOWERS

The UNITS SHALL BE NEW AND FROM MANUFACTURER'S MOST RECENT DESIGN. The units shall be completely serviced and connected to tractor ready for work with all the standard equipment and options on requested equipment. Model must meet OSHA, Federal and State Regulations.

(4 each) 15-foot Flexwing Rotary Cutters must meet or exceed the LandPride RCM5715 Dominator Series 2, John Deere FC-15R or Rhino Epic 4155.

1. Horsepower 50-250HP
2. Hitch – Pull-type, self leveling & bar type
3. Working width – 15'
4. Overall width – 15'8"
5. Minimum Transportation Width – 8'6"
6. Overall Length – 15'1"
7. Machine Weight Approximately 6,000 lbs.
8. Cutting Height – 2" to 14"
9. Cutting Capacity – 4 inches minimum
10. Tongue Weight Approximately 1,800 lbs.
11. Deck Thickness – 7-gauge bottom, 10-gauge top
12. Deck Height – 12"
13. Deck Shock Protection – Spring Cushioned Axle/Rubber Block Cushion
14. Deck smooth top and bottom with (2) Double Plates
15. Deck Rings
16. Side Thickness – ¼" replaceable
Skid Shoes – 1 each Wing, 2 on Center Section, Replaceable
17. Safety Guards – Front Double Chain and Rear Double Chain (no cables)

17. Hydraulics – with quick couplers to Tractor/self-phasing/(1) set of center hydraulic cylinder stroke control spacer. Double hose for power up and power down.
18. Blades – ½” x 4” Heat-Treated Free-Swinging Alloy Steel w/ Uplift
19. Blade Bolt – Keyed with Hardened Flatwasher & Lock Nut
20. Blade Tip Speed – 1000 RPM; 15,604 fpm on Center (minimum)
21. Blade Overlap – 6”
22. Dishpan – 3/16” Round, Dish Shaped with 1” x 5” Blade Bar/ Stump Jumper
23. Gearbox – 1000 RPM: 250 HP Divider, 210 HP Center & Wings (continuous)
24. Gearbox Output Shaft – 2-3/8”, Extra heavy-duty gearboxes with 2-3/8” output shafts
25. Gearbox Input Shaft – 1-3/4” 20 Spline
26. Input Driveline – Cat. 6 (CV) Constant Velocity (Tractor 1 3/8 (21) Spline (1,000 RPM)
27. Drivelines – Cat. 5 Slip-Clutch
28. Wheels – 5 bolt steel
29. Tires – (6) Foam filled aircraft/Rhino Trax 25.5 X 8” X 14 or 26.9 X 1” X 15.5
30. Center Tandem Axle
31. Color – Orange or Manufacturer’s Color
32. Wing Transport locks with Center Lift Lock
33. Suspension - Spring cushioned suspension/Rubber Block Cushion
34. Parking Stand or Jack (Hitch)
35. Blades – PARTS – (2) Sets (6) each mower blades and (1) set bolts with wear washers.
36. Skids – PARTS – (2) Center, (2) wings for each mower left and right.
37. Gearbox Warranty – Minimum of (5) years.
38. Slow Moving Vehicle Sign and Safety deflector kit and taillight kit. (If light kits mounted and connected to tractor)
39. Delivery time _____ (Must be specified)
40. Specification sheet must accompany quotes.