

Designs in Ductile Iron

Cost

Saving

Design

Ideas



- CASTING** Swing Pivot
APPLICATION Heavy Duty Back Hoe
SPECIFICATION ASTM A-536 (65-45-12)
REDESIGN From Steel Weldment
COST SAVINGS Part Cost Reduced 31%; \$55,800 Annual Savings
DESIGN ADVANTAGES Reduced Processing Time 50%; Improved Machinability; Improved Wear Properties
SIZE & WEIGHT 36" x 24"; 177 lbs.
COMPANY Long Manufacturing Tarboro, NC
FOUNDRY Lynchburg Foundry Lynchburg, VA



- CASTING** Dual delivery Seed & Fertilizer Tool
APPLICATION Places seed and fertilizer with the use of an air seed drill.
SPECIFICATION SiliconMolybdenum Ductile Iron
REDESIGN Ductile Iron knife body, white iron tip
COST SAVINGS 20% cost savings over weldment
DESIGN More accuracy of dimensions
ADVANTAGES more precision when placing seed and fertilizer in ground.
SIZE & WEIGHT 16 X 4 X 10 in, 18 lbs
COMPANY GEN Manufacturing, Alberta, Canada
FOUNDRY Unknown

DUCTILE IRON GROUP