




| RESOURCE: Air Curtain Burners (Fire Box-Above Ground, Refractory Walled) | | | | | | | |
|---|---------------|--|---|--|---|--|---|
| CATEGORY: Public Works and Engineering (ESF #3) | | | | KIND: Equipment | | | |
| MINIMUM CAPABILITIES: | | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | TYPE VI |
| COMPONENT | METRIC | | | | | | |
| Equipment | Tons/Hr | Weight: 50,000 lbs Avg. Thru-put: 6-10 tons/hr | Weight: 46,000 lbs Avg. Thru-put: 5-8 tons/hr | Weight: 33,500 lbs Avg. Thru-put: 3-6 tons/hr | Weight: 30,000 lbs Avg. Thru-put: 2-5 tons/hr | Weight: 26,000 lbs Avg. Thru-put: 1-4 tons/hr | Weight: 21,300 lbs Avg. Thru-put: ½-2 tons/hr |
| Equipment | Dimensions | Overall L×W×H: 37'4"×11'10"×9'7" Firebox: 27'2"×8'5"×8'1" | Overall L×W×H: 31'4"×11'10"×9'7" Firebox: 21'2"×8'5"×8'1" | Overall L×W×H: 30'2"×8'6"×8'6" Firebox: 19'8"×6'2"×7'1" | Overall L×W×H: 27'×8'6"×8'6" Firebox: 16'5"×6'2"×7'1" | Overall L×W×H: 27'×7'5"×7'8" Firebox: 16'×5'×6' | Overall L×W×H: 21'6"×7'5"×7'8" Firebox: 11'×5'×6' |
| Equipment | Engine | Perkins 1004.42 | Perkins 1004.42 | Perkins 404C | Perkins 404C | Perkins 404C | Perkins 404C |
| Equipment | Fuel | Diesel, ≈ 3 gal/hr | Diesel, ≈ 3 gal/hr | Diesel, ≈ 2.5 gal/hr | Diesel, ≈ 2.5 gal/hr | Diesel, ≈ 2.5 gal/hr | Diesel, ≈ 2.5 gal/hr |
| Equipment | Transport | Unit is shipped completely assembled; transportable by drop-deck trailer | Unit is shipped completely assembled; transportable by drop-deck trailer | Unit is shipped completely assembled transportable by flatbed or tilt bed tag trailer | Unit is shipped completely assembled transportable by flatbed or tilt bed tag trailer | Unit is shipped completely assembled transportable by flatbed or tilt bed tag trailer | Unit is shipped completely assembled transportable by flatbed or tilt bed tag trailer |
| Equipment | Application | Wood Waste Reduction & Animal Carcass Disposal (needs wood waste to support carcass combustion) | Wood Waste Reduction & Animal Carcass Disposal (needs wood waste to support carcass combustion) | Wood Waste Reduction & Animal Carcass Disposal (needs wood waste to support carcass combustion) | Wood Waste Reduction & Animal Carcass Disposal (needs wood waste to support carcass combustion) | Wood Waste Reduction & Small Animal Carcass Disposal (needs wood waste to support carcass combustion) | Wood Waste Reduction & Small Animal Carcass Disposal (needs wood waste to support carcass combustion) |
| Equipment | | On GSA Schedule | On GSA Schedule | On GSA Schedule | On GSA Schedule | On GSA Schedule | On GSA Schedule |
| Equipment | Example | S-327 | S-321 | S-220 | S-217 | S-116 | S-111 |
| Equipment | Example |  <p>S-300 Series (Type I & II)</p> | |  <p>S-200 Series (Type II & III)</p> | |  <p>S-100 Series (Type IV & V)</p> | |
| COMMENTS: | | | | | | | |