

# Dragon Dryer™

- **Indirect Dryer**

- **Dual indirect heat source**
- **Continuous single pass**
- **2-4 mm Class A granules**
- **Input 12% to 30% solids concentration**
- **Capacity 0 to 100 wet tons/day per unit**



# Dragon Dryer <sup>TM</sup> Installations

- Forest City, NC
- Loudon, TN
- Mount Holly, NJ
- Newport, TN
- Ocala, FL
- Orange Beach, AL
- Seneca, SC
- Tallahassee, FL



# Dragon Dryer <sup>TM</sup> Installations

- **Ocala, FL (Series 4008)**
  - **Per 24 hours**
  - **20 dry tons**
  - **08 dry tons**



# Dragon Dryer™ Installations

- Newport, TN (Series 4008)



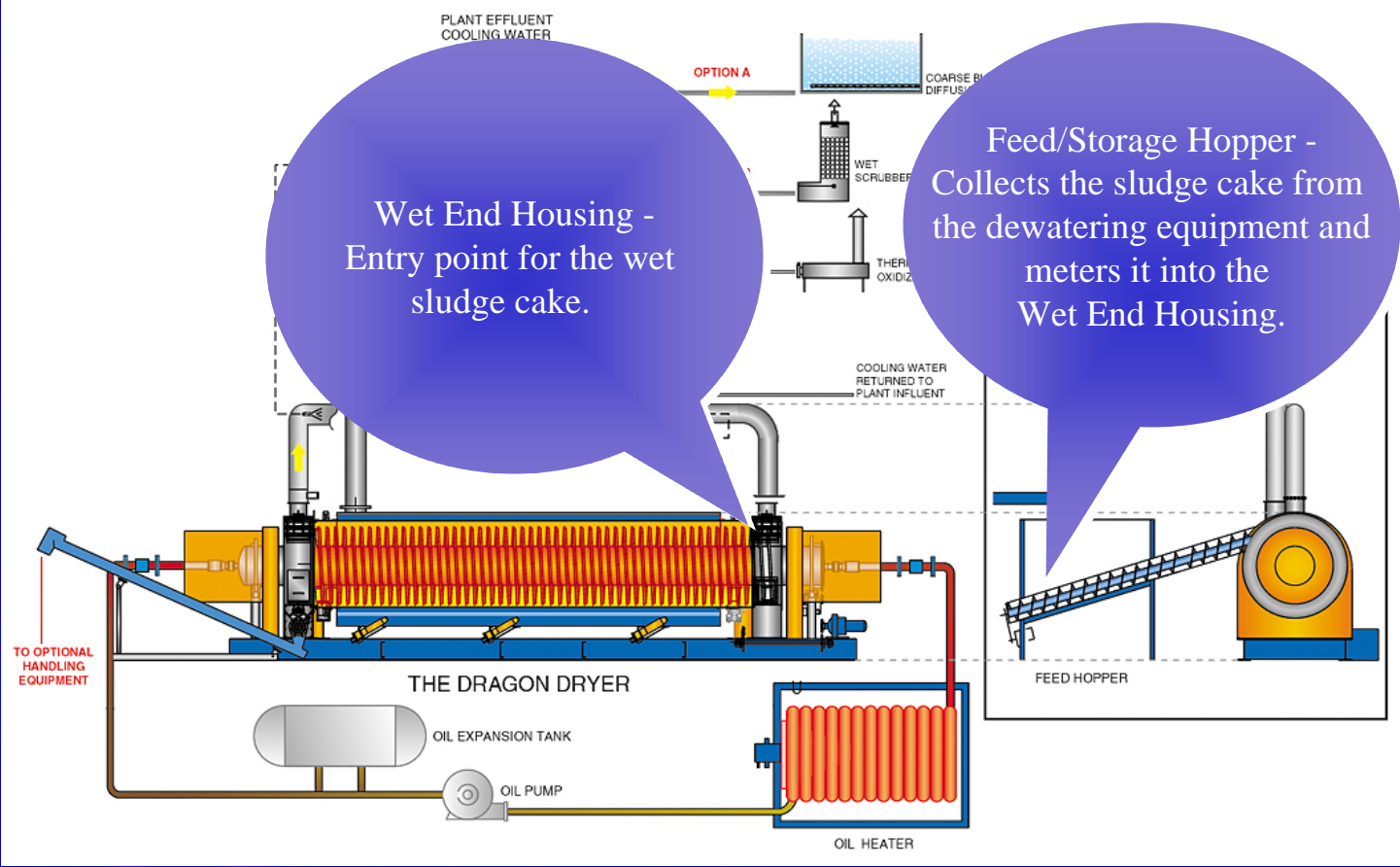


# Dragon Dryer™

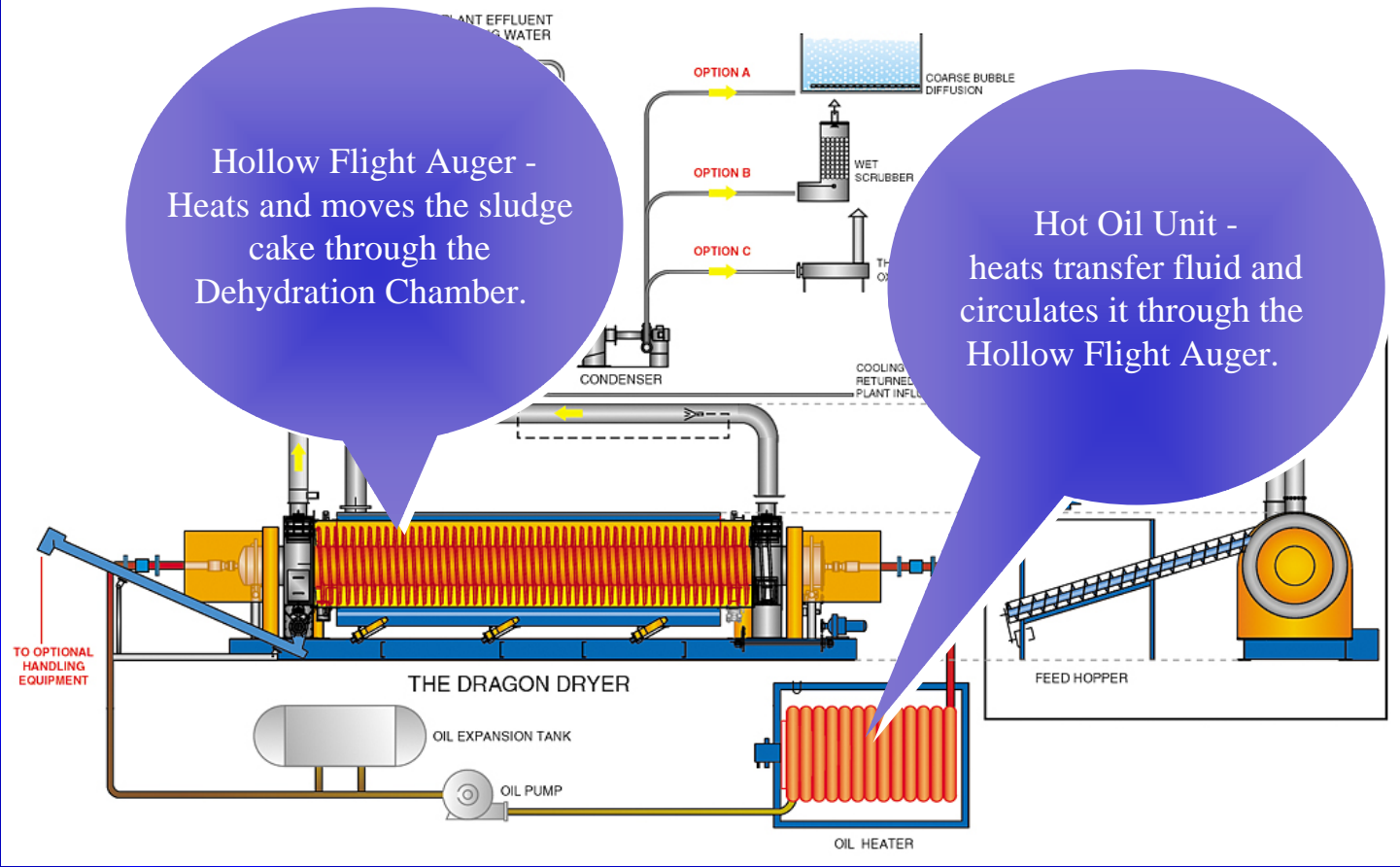
- **Trailer Mounted Demo Unit**



# Dragon Dryer™



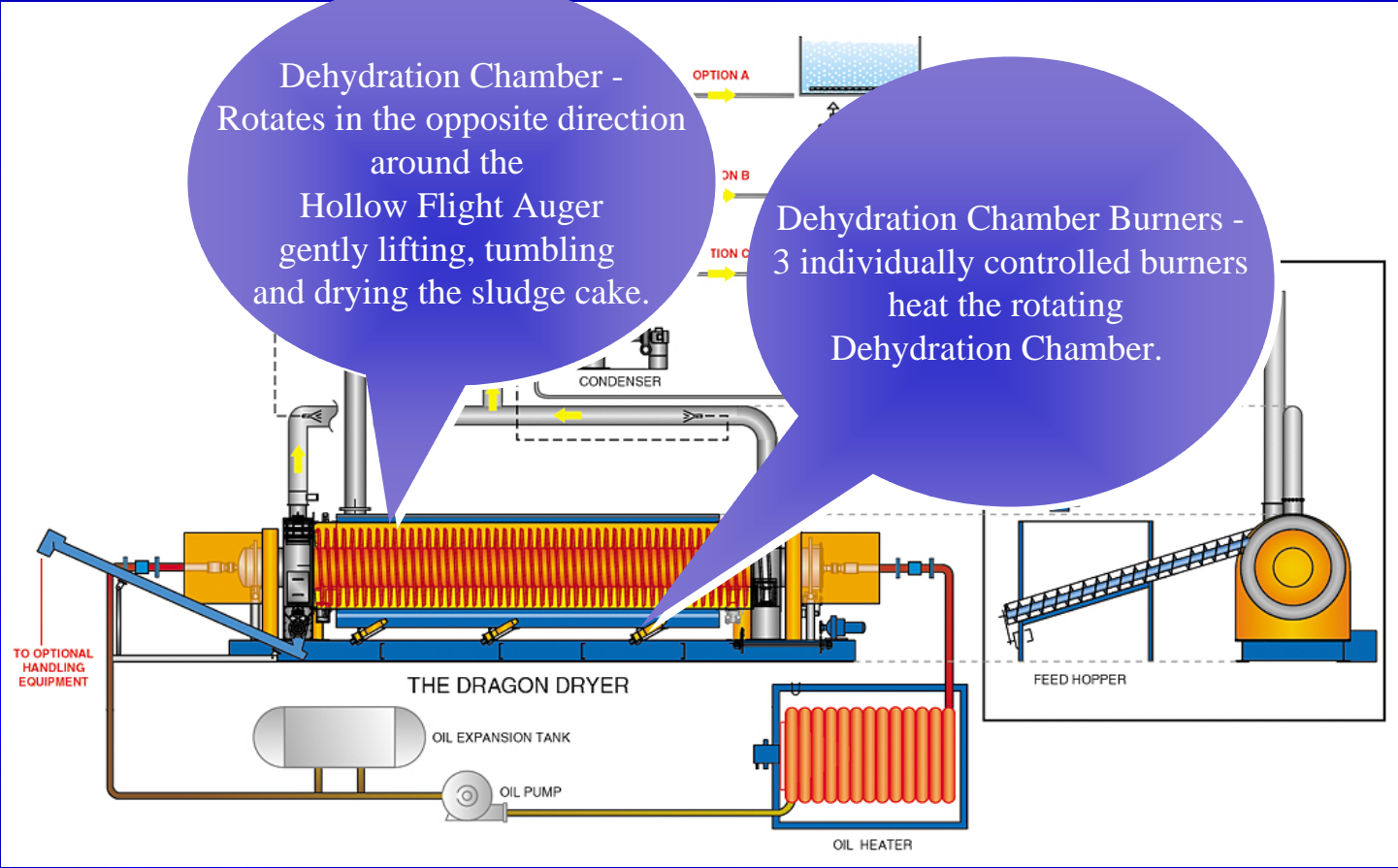
# Dragon Dryer™



Hollow Flight Auger -  
Heats and moves the sludge  
cake through the  
Dehydration Chamber.

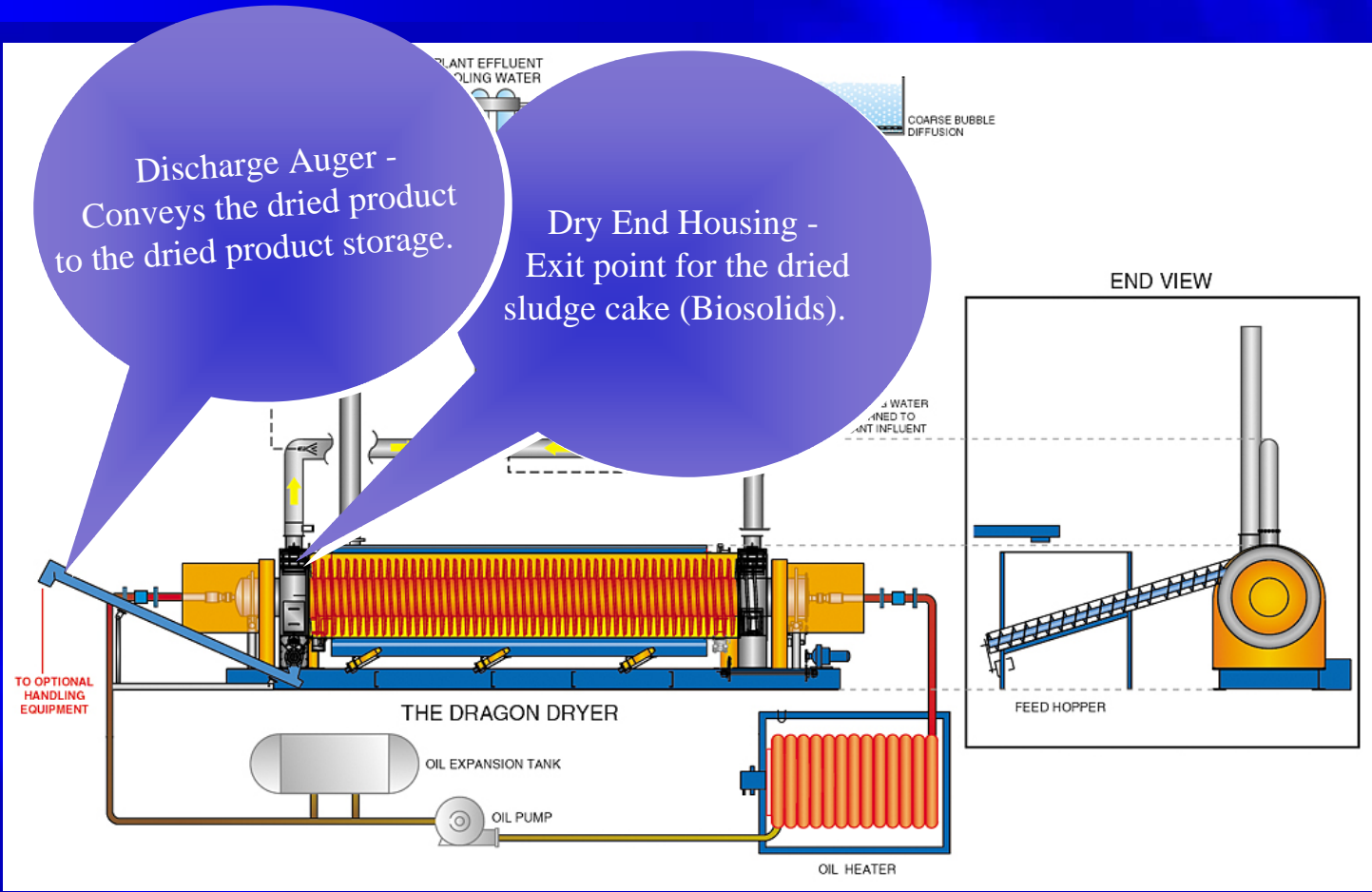
Hot Oil Unit -  
heats transfer fluid and  
circulates it through the  
Hollow Flight Auger.

# Dragon Dryer™

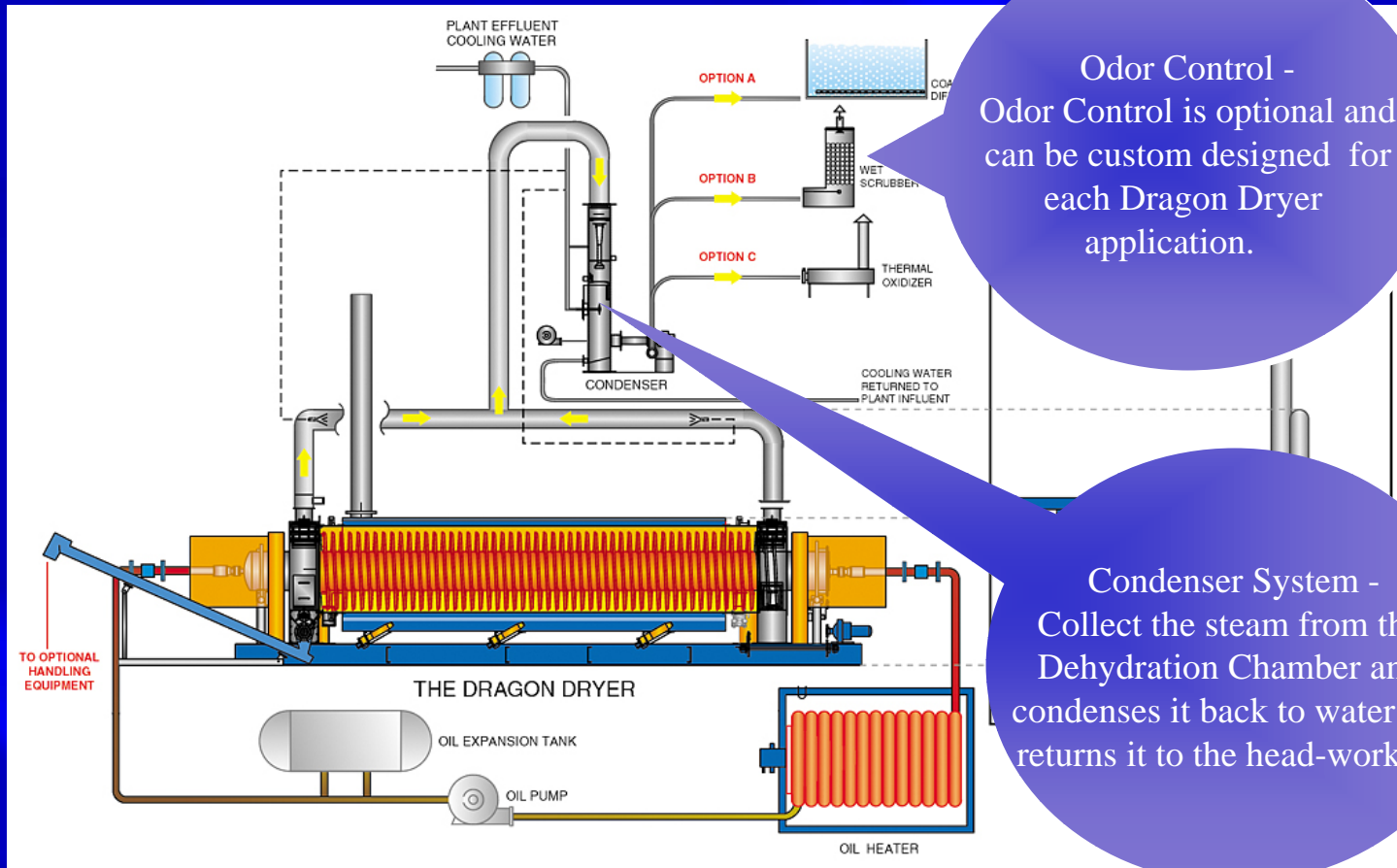




# Dragon Dryer™



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**Odor Control -**  
Odor Control is optional and can be custom designed for each Dragon Dryer application.

**Condenser System -**  
Collect the steam from the Dehydration Chamber and condenses it back to water and returns it to the head-works.

# Dragon Dryer™

- **Operator Friendly**
  - PLC controlled
  - Remote monitoring
    - Remote Alarm notification
  - Automatic operation
    - Limited hands-on operation
  - Continuous operation
- **Low pressure system**
  - No Boiler required
  - No danger from high pressure steam
- **Closed system**
  - Clean work area
- **Automatic safety set points**
  - Alarms
  - Automatic cool down
  - Automatic shut down

# Dragon Dryer™

## ■ Advantages

- Safe, easy operation
- Air emission standards
- Beneficial use (income potential)
- Small area requirement
- Proven technology
- Short processing time
- Automatic, continuous operation
- Volume reduction



# Dragon Dryer™

## ■ **Product Characteristics, Average**

- Density, kg/m<sup>3</sup> 720.83 (45 lb/ft<sup>3</sup>)
- Dry Solids Content, percent 90.8
- Color Black
- Appearance Granular
- Volume Reduction, percent 76.8
- Weight Reduction, percent 83.6

