

Kayden Industries provides fully integrated mobile dewatering trailers with a single centrifuge setup complete with pumps and polymer injection units. Kayden units are designed and built to be transported easily and efficiently while operating reliably in the harshest environments around the world. Dewatering is both an economical approach to any operation by reducing the reliance on fresh water, minimizing disposal costs and costly chemical consumption.



Kayden Mammoth 2276 Centrifuge and Dewatering System, equipped with 150kva diesel operated generator; mounted on triple tandem wheeled trailer.

### FEATURES AND BENEFITS

- Efficient load package for transport.
- Reduced rig up and rig down time, with minimal manpower requirements.
- Hydraulic lift cylinders are incorporated into the skid; no crane assistance required.
- Compliant with all Australian safety standards.

### KAYDEN CENTRIFUGE DEWATERING SKID SPECIFICATIONS

|                                     |          | Meters | Feet  | Pounds |
|-------------------------------------|----------|--------|-------|--------|
| <b>Length (mm)</b>                  | 10388.60 | 10.39  | 34.09 |        |
| <b>Width (mm)</b>                   | 2430.78  | 2.43   | 7.95  |        |
| <b>Transport Height (mm)</b>        | 3381.38  | 3.38   | 11.09 |        |
| <b>Operation Height (mm)</b>        | 6191.75  | 6.19   | 20.31 |        |
| <b>Estimated Tare Weight (mton)</b> | 14.33    |        |       | 31,600 |

### DROP DECK TRAILER SPECIFICATIONS

|                                  |                | Meters | Feet  | Pounds | Kilograms |
|----------------------------------|----------------|--------|-------|--------|-----------|
| <b>Length (mm)</b>               | 13460          | 13.46  | 44.16 |        |           |
| <b>Width (mm)</b>                | 2495           | 2.50   | 8.19  |        |           |
| <b>Deck Height at Front (mm)</b> | 1478           | 1.48   | 4.85  |        |           |
| <b>Deck Height at Rear (mm)</b>  | 1090           | 1.09   | 3.57  |        |           |
| <b>Skidplate Height (mm)</b>     | 1270           | 1.27   | 4.17  |        |           |
| <b>Kingpin Location (mm)</b>     | 600 from front | 0.60   | 1.97  |        |           |
| <b>Twistlock Height (mm)</b>     | 1405           | 1.41   | 4.61  |        |           |
| <b>Suspension Spread (mm)</b>    | 2700           | 2.70   | 8.86  |        |           |
| <b>Estimated Tare Weight</b>     | 5914           |        |       | 13,038 | 5,914     |

### GENERATOR, 120KW (150KVA) 60/50HZ

|                                    |      | Meters | Feet  | Pounds | Kilograms |
|------------------------------------|------|--------|-------|--------|-----------|
| <b>Length (mm)</b>                 | 3450 | 3.45   | 11.32 |        |           |
| <b>Width (mm)</b>                  | 1240 | 1.24   | 4.07  |        |           |
| <b>Height (mm)</b>                 | 1850 | 1.85   | 6.07  |        |           |
| <b>Transport Height (mm)</b>       | 3905 | 3.91   | 12.81 |        |           |
| <b>Operation Height (Max) (mm)</b> | 3905 | 3.91   | 12.81 |        |           |
| <b>Estimated Tare Weight</b>       | 2900 |        |       | 6,393  | 2,900     |

### OTHER EQUIPMENT

|  | Description                | Qty | HP  | KW    |
|--|----------------------------|-----|-----|-------|
| <b>KDX 2276 Centrifuge</b>               | Centifuge Main Motor       | 1   | 100 | 75    |
| <b>4x3 Centrifuge Pump</b>               | Centifuge Feed Pump        | 1   | 20  | 15    |
| <b>Dewatering Unit (Agitator)</b>        | WEG Motor for Reducer      | 2   | 2   | 1.5   |
| <b>Dewatering Unit (Chemical Pump)</b>   | WEG Motor for Moyno Pump   | 2   | 1   | 0.75  |
| <b>Centrifuge Hydr. Jack Lift System</b> | Hydraulic Tank, Power Pack | 1   | 2   | 1.5   |
|  | <b>Totals</b>              |     | 125 | 93.75 |

Meets all Australian compliances and standards.