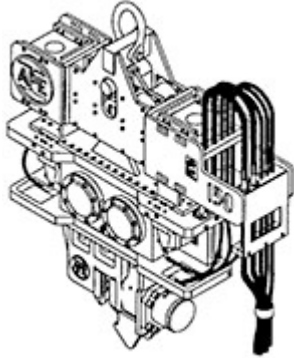


## Hydraulic Vibrators for Sheet Piling

| <b>Vibrator Model</b>   |       | <b>50</b>  | <b>100</b> | <b>150</b> | <b>200</b> | <b>J&amp;M 416B</b> | <b>J&amp;M 815</b> |
|-------------------------|-------|------------|------------|------------|------------|---------------------|--------------------|
| Centrifugal force       | kN    | 534        | 783        | 908        | 1512       | 710                 | 1425               |
| Eccentric moment        | Nm    | 147        | 249        | 249        | 498        | 253,5               | 507                |
| Frequency max.          | rpm   | 1800       | 1670       | 1800       | 1650       | 1600                | 1600               |
| Driving amplitude       | mm    | 22         | 25.4       | 20         | 30         | 25                  | 30                 |
| Line pull max.          | kN    | 267        | 534        | 712        | 1335       | 355                 | 710                |
| Suspended weight        | kg    | 2631       | 3583       | 3856       | 6167       | 3360                | 5215               |
| Length                  | mm    | 1321       | 2134       | 2235       | 2560       | 2415                | 2465               |
| Width                   | mm    | 356        | 533        | 432        | 430        | 355/430             | 360/560            |
| Overall height          | mm    | 1727       | 2388       | 1803       | 2380       | 1780                | 2110               |
| <b>Power Pack Model</b> |       | <b>260</b> | <b>260</b> | <b>350</b> | <b>625</b> | <b>J&amp;M 350</b>  | <b>J&amp;M 575</b> |
| Diesel Engine           |       | Cummins    | Cummins    | Cummins    | CAT C-16   | CAT C-9             | CAT C-15           |
| Theoretical power       | kW    | 194        | 194        | 261        | 470        | 261                 | 429                |
| Oil flow max.           | l/min | 303        | 303        | 454        | 799        | 330                 | 590                |
| Pressure max.           | bar   | 310        | 310        | 331        | 344        | 345                 | 345                |
| Weight                  | kg    | 3084       | 3084       | 4037       | 8165       | 4355                | 6985               |
| Length                  | mm    | 2616       | 2616       | 3200       | 3962       | 3200                | 3910               |
| Width                   | mm    | 1397       | 1397       | 1626       | 1790       | 1525                | 1525               |
| Height                  | mm    | 1626       | 1626       | 1702       | 2570       | 1730                | 2435               |



Our series of small to medium sized hydraulic vibrators is specially designed to drive and to extract trench sheets and sheet piles for shoring works.

**Our vibrators offer following special features:**

- Patented multi-stage suppressor for maximum pulling force
- One piece eccentrics with heavy metal for maximum eccentric moment
- Giant spherical bearings are up to five times larger than any other vibrator
- Rifle bored top plate eliminates all hoses on suppressor
- Designed for easy, fast field service
- Computer designed gearbox with low center of gravity
- Completely sealed for underwater work
- One year warranty plus special programs for life long operation
- Center safety pin shows pile crew and crane operator how much line pull is on pile and crane
- Only vibrator on market with detachable suppressor housings to fit any height and weight requirements.

Our line of standard hydraulic vibrators offers top performance at reasonable prices. All vibros can be equipped with turning plate, wood clamps and casing clamps. A wide range of hydraulic drills and impact hammers is also available.

We reserve the right to change technical specifications without prior notice.