# Bryant Welderental Tank Turning Roll Rotators Specification

| Model | | Scissor | PR5/7DM | PR10/15DM | PR15/PR15/25 DM | PR30/PR30/45 DM | PR60/100DM | PR100/150DM | PR120/250DM | PRS200/200DM | PRS300/300DM | PRS500/500DM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Max Loading Capacity (Tonnes) | Drive Unit<br>Idler Unit | 1<br>1 | 2.5<br>2.5 | 5<br>5 | 7.5<br>7.5 | 15<br>15 | 30<br>30 | 50<br>50 | 60<br>60 | 100<br>100 | 150<br>150 | 250<br>250 |
| Rotation Capacity (Tonnes) | Drive Unit | 3 | 7 | 15 | 25 | 45 | 100 | 150 | 250 | 200 | 300 | 500 |
| Rotation Speed | MM/MIN | 64-2600 | 62-618 | 102-1020 | 114-1137 | 130-1300 | 130-1300 | 130-1300 | 130-1300 | 130-1300 | 130-1300 | 166-1660 |
| Vessel Diameter | Min (90°)<br>Max (45°) | 280-2000 | 165-4250 | 165-4250 | 225-5000 | 469-7500 | 469-7500 | 469-7500 | 469-7500 | 330-7450 | 470-7600 | 470-7600 |
| Power Supply | 50Hz/3ph<br>60Hz/3ph | 240V/1ph | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V | 380/400/415V<br>440/460/480V |
| Polyurethane Tyre Size (mm) | Dia/mm<br>Width/mm | 202<br>51 | 330<br>113 | 330<br>2x113 | 457<br>127 | 520<br>178 | 520<br>2x178 | 520<br>3x178 | 520<br>4x178 | Steel<br>580<br>250 | Steel<br>711<br>254 | Steel<br>900<br>500 |
| Fuses | Amp | 13 | 16 | 16 | 16 | 16 | 16 | 32 | 60 | 60 | 60 | 60 |
| Control Voltage | VAC | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Motor | KW | 0.25 | 0.75 | 1.5 | 2x0.75 | 2x1.1 | 2x1.5 | 2x3 | 2x5.5 | 2x4 | 2x5.5 | 2x11 |
| AC Inverter | KW | 0.25 | 0.75 | 1.5 | 1.5 | 2.2 | 3 | 7.5 | 11 | 11 | 11 | 22 |
| Weight (KG) | Drive Unit<br>Idler Unit | 250<br>150 | 401<br>221 | 506<br>270 | 665<br>348 | 1222<br>668 | 2002<br>1237 | 2688<br>1555 | 3323<br>2019 | 3310<br>1950 | 5000<br>3500 | 13200<br>10100 |
| Dimentions LxHxW (mm) | Drive Unit<br>Idler Unit | 775x695x600<br>775x695x370 | 2090/540/534<br>2090/540/386 | 2090/540/564<br>2090/540/450 | 2465/620/562<br>2465/620/500 | 2790/765/765<br>2790/765/700 | 2790/765/933<br>2790/765/888 | 3400/765/1177<br>2790/765/1080 | 3400/850/1284<br>2900/765/1110 | 4420/840/710<br>5500/840/710 | 6125/1120/1000<br>4900/1120/1200 | 5460/1610/1450<br>4380/1610/1200 |
| Cable Control Box | M | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |