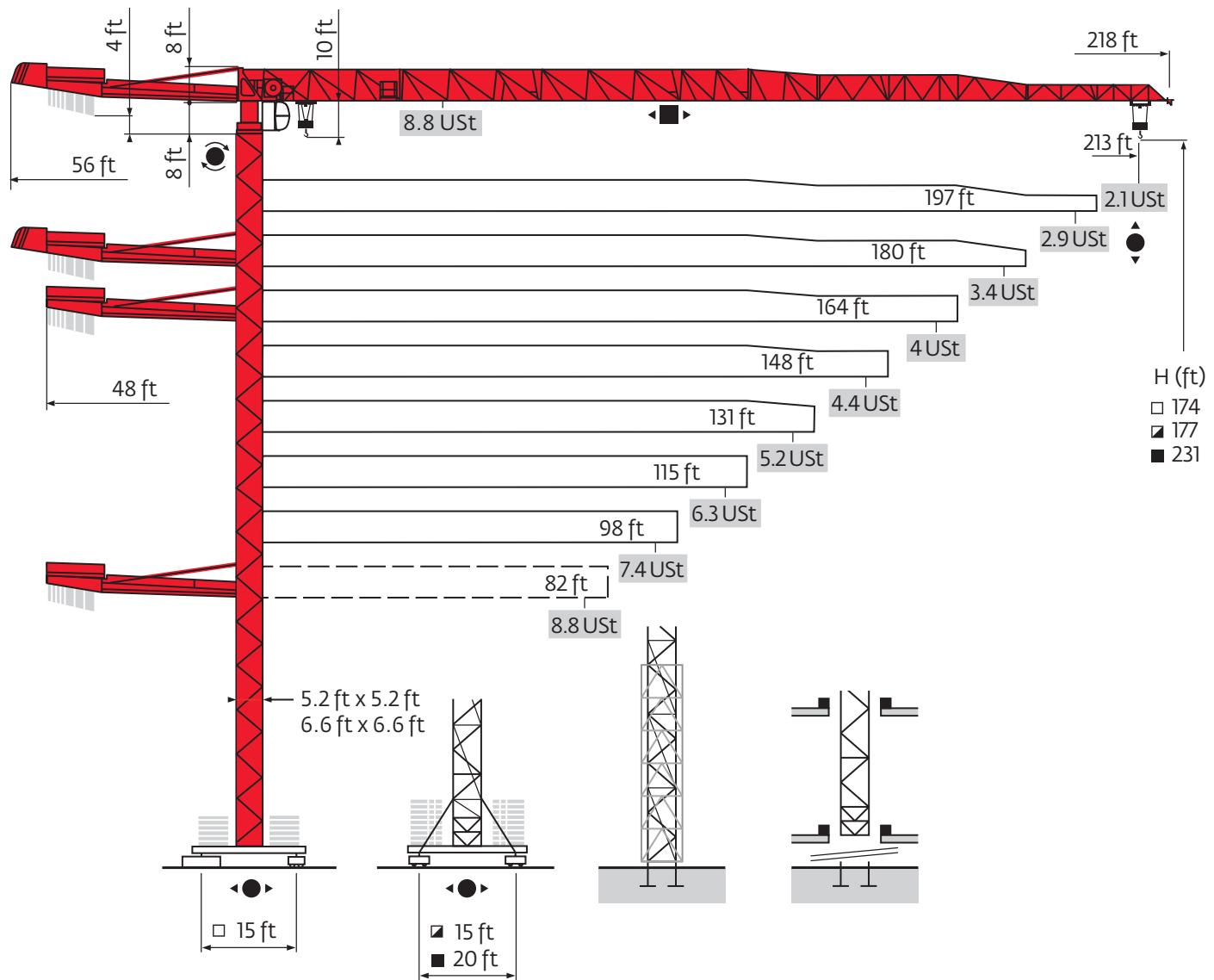


Potain MDT 218 A

Data Sheets

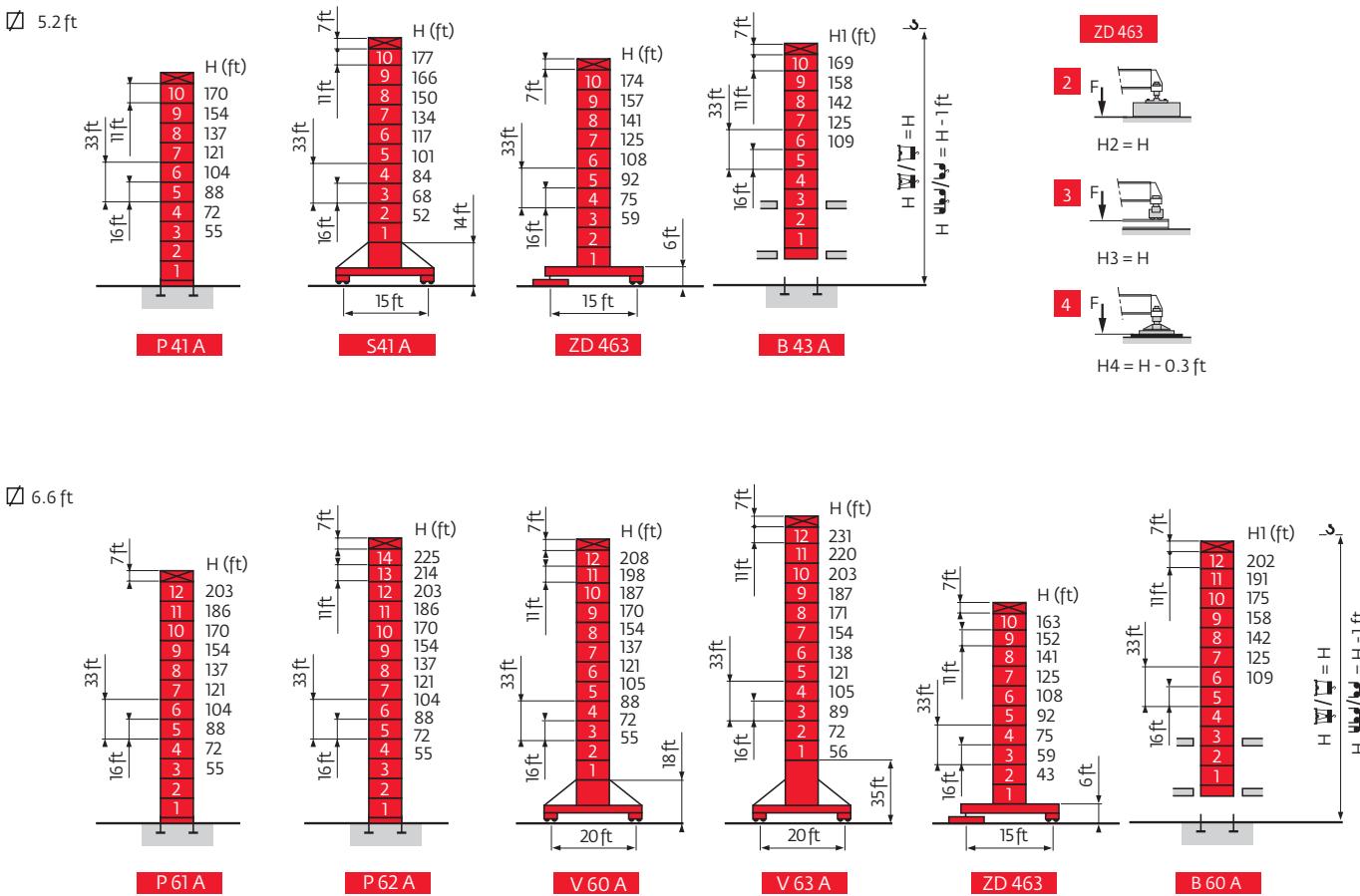
FEM 1.001-A3

MDT 218 A J8

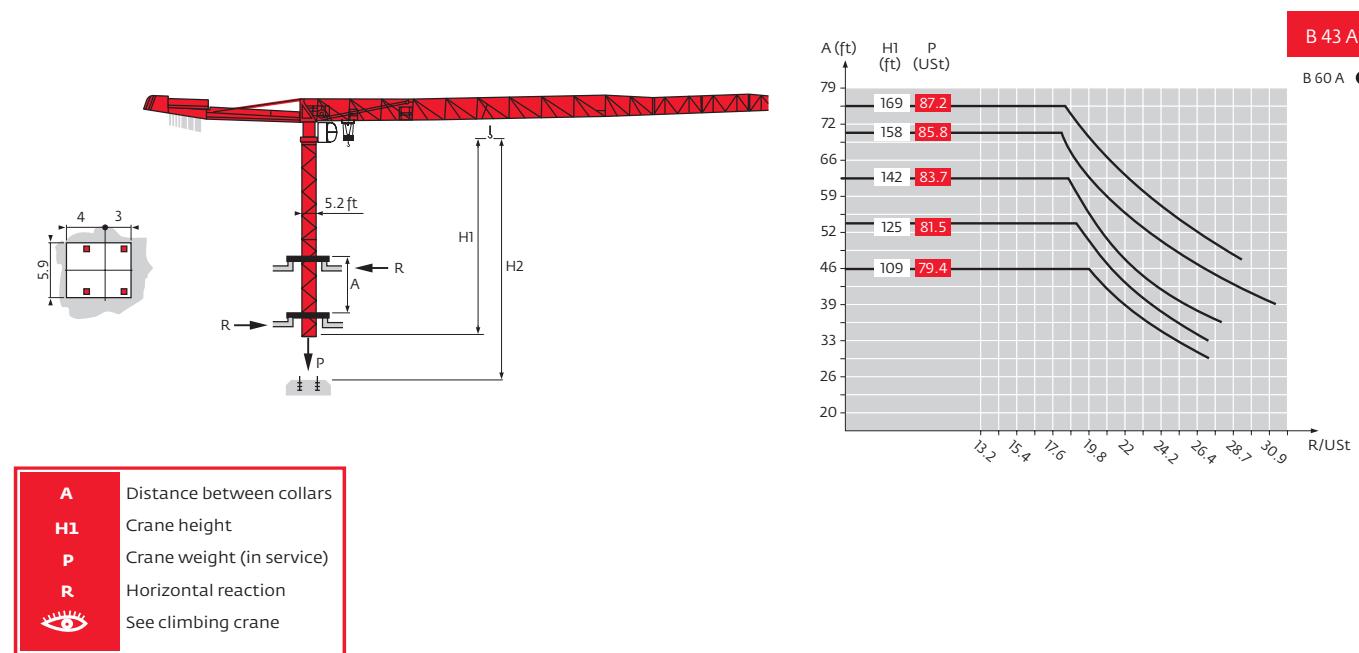


Values have been rounded

Mast

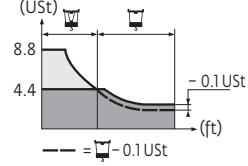
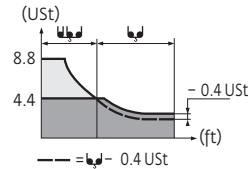


Climbing crane



Load charts

| | | |
|--|--------|---|
| | 213 ft | 10 ► 61 66 72 82 89 98 105 109 117 121 131 138 148 154 164 171 180 187 197 203 213 ft ▲ 8.8 8 7.3 6.2 5.6 5.0 4.6 4.4 4.4 4.3 3.9 3.6 3.4 3.2 3 2.9 2.6 2.5 2.4 2.3 2.1 USt |
| | 197 ft | 10 ► 71 72 82 89 98 105 115 121 126 136 138 148 154 164 171 180 187 197 ft ▲ 8.8 8.6 7.4 6.7 6 5.5 5 4.6 4.4 4.4 4.3 4.1 3.9 3.5 3.4 3.2 3 2.9 USt |
| | 180 ft | 10 ► 75 82 89 98 105 115 121 131 134 145 148 154 164 171 180 ft ▲ 8.8 7.9 7.3 6.4 6 5.3 5 4.5 4.4 4.4 4.3 4.1 3.9 3.6 3.4 USt |
| | 164 ft | 10 ► 78 82 89 98 105 115 121 131 138 140 152 154 164 ft ▲ 8.8 8.4 7.6 6.7 6.3 5.6 5.3 4.7 4.5 4.4 4.4 4.3 4 USt |
| | 148 ft | 10 ► 81 82 89 98 105 115 121 131 138 148 ft ▲ 8.8 8.6 7.9 7.1 6.5 5.8 5.5 5. 4.6 4.3 USt |
| | 131 ft | 10 ► 83 89 98 105 115 121 131 ft ▲ 8.8 8.3 7.3 6.7 6.1 5.7 5.2 USt |
| | 115 ft | 10 ► 84 89 98 105 115 ft ▲ 8.8 8.4 7.4 6.8 6.2 USt |
| | 98 ft | 10 ► 84 89 98 ft ▲ 8.8 8.3 7.3 USt |
| | 82 ft | 10 ► 82 ft ▲ 8.8 USt |
| | 213 ft | 8 ► 61 66 72 82 89 98 105 110 112 115 121 131 138 148 154 164 171 180 187 197 203 213 ft ▲ 8.8 8.2 7.3 6.3 5.7 5.1 4.6 4.4 4.4 4.3 4 3.6 3.4 3.1 3 2.8 2.6 2.4 2.3 2.1 2 1.9 USt |
| | 197 ft | 8 ► 71 72 82 89 98 105 115 121 128 131 131 138 148 154 164 171 180 187 197 ft ▲ 8.8 8.6 7.5 6.8 6.1 5.6 5.1 4.7 4.4 4.4 4.4 4.2 3.7 3.6 3.3 3.2 3 2.8 2.6 USt |
| | 180 ft | 8 ► 75 82 89 98 105 115 121 131 136 139 148 154 164 171 180 ft ▲ 8.8 7.9 7.3 6.5 6 5.4 5.1 4.6 4.4 4.4 4.1 3.9 3.6 3.4 3.2 USt |
| | 164 ft | 8 ► 79 82 89 98 105 115 121 131 138 142 145 148 154 164 ft ▲ 8.8 8.4 7.7 6.8 6.3 5.7 5.3 4.9 4.6 4.4 4.4 4.3 4.1 3.8 USt |
| | 148 ft | 8 ► 81 82 89 98 105 115 121 131 138 148 ft ▲ 8.8 8.7 7.9 7.1 6.5 5.8 5.5 5.1 4.7 4.4 USt |
| | 131 ft | 8 ► 84 89 98 105 115 121 131 ft ▲ 8.8 8.3 7.3 6.8 6.2 5.7 5.2 USt |
| | 115 ft | 8 ► 85 89 98 105 115 ft ▲ 8.8 8.5 7.5 6.9 6.3 USt |
| | 98 ft | 8 ► 85 89 98 ft ▲ 8.8 8.4 7.4 USt |
| | 82 ft | 8 ► 82 ft ▲ 8.8 USt |



Counter-jib ballast

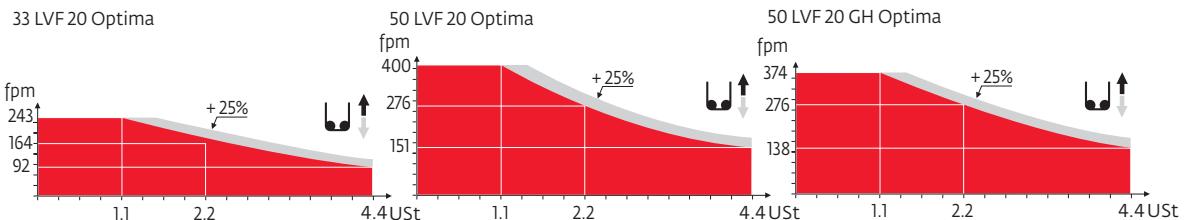
| 2425 lb - 7937 lb | |
|-------------------|--------|
| | (lb) |
| | 41,446 |
| 213 ft | 41,446 |
| 197 ft | 41,446 |
| 180 ft | 41,446 |
| 164 ft | 39,021 |
| 148 ft | 36,596 |
| 131 ft | 34,171 |
| 115 ft | 31,746 |
| 98 ft | 28,660 |
| 82 ft | |

Base ballast

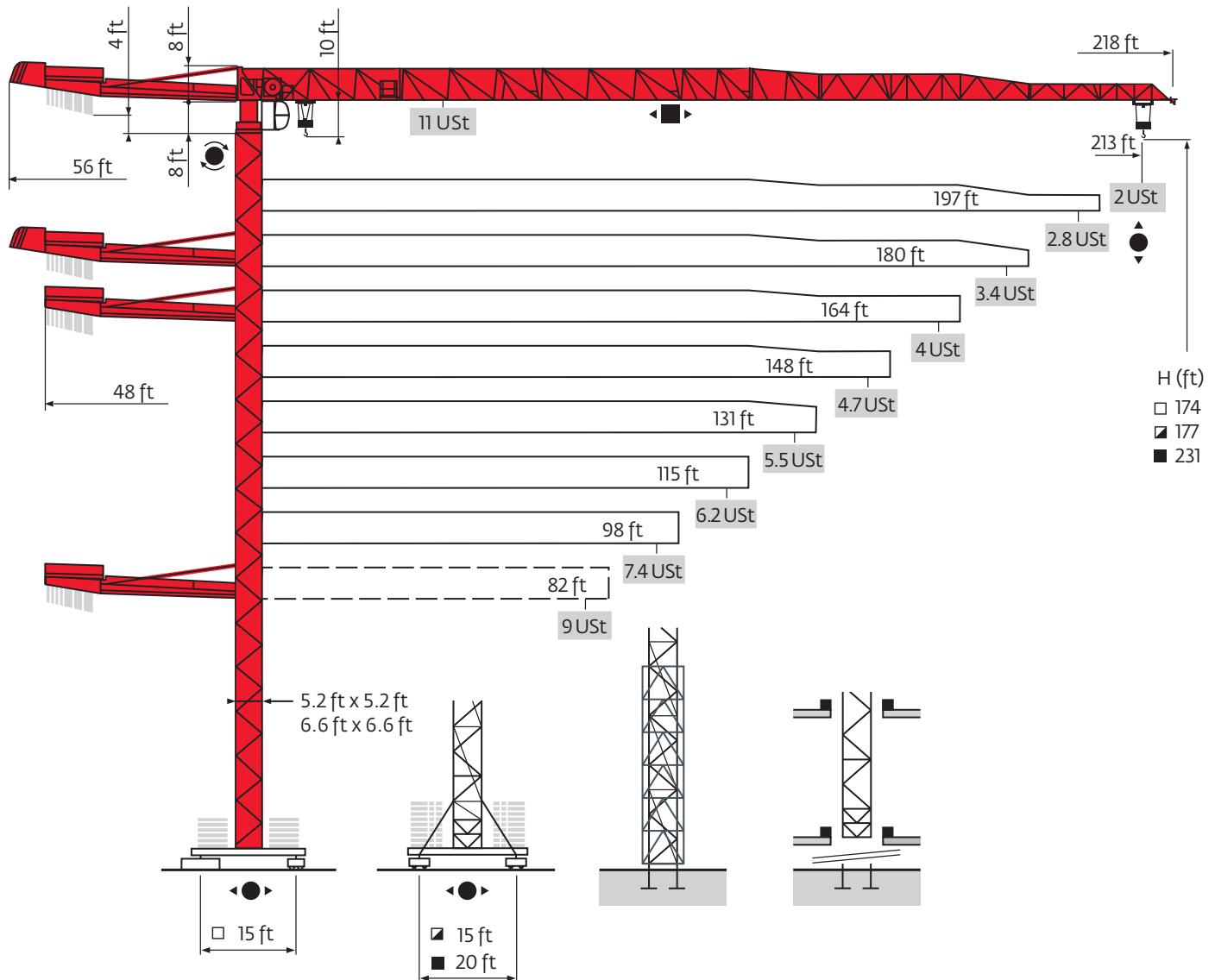
| | | |
|--|--|--|
| | Ø 5.2 ft S 41A | H (ft) 177 166 150 134 117 101 84 68 52 |
| | ▲ (USt) 126 106 93 86 86 86 86 86 | |
| | Ø 5.2 ft ZD 463 | H (ft) 174 157 141 125 108 92 75 59 |
| | ▲ (USt) 116° 94 83 83 83 83 83 83 | |
| | Ø 6.6 ft V 60 A | H (ft) 208 198 187 170 154 137 121 105 88 |
| | ▲ (USt) 146 119 106 79 53 40 40 40 40 | 72 55 |
| | Ø 6.6 ft V 63 A | H (ft) 231 220 203 187 171 154 138 121 105 |
| | ▲ (USt) 185 172 132 106 79 53 40 40 40 | 89 72 56 |
| | Ø 6.6 ft ZD 463 | H (ft) 163 152 141 125 108 92 75 59 43 |
| | ▲ (USt) 121° 94 77 77 77 77 77 77 77 | |

Mechanisms

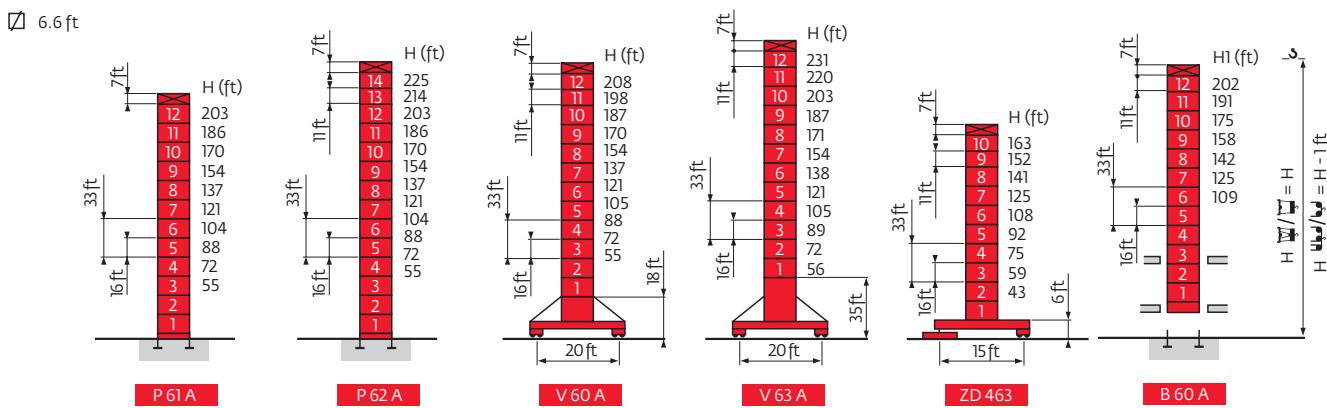
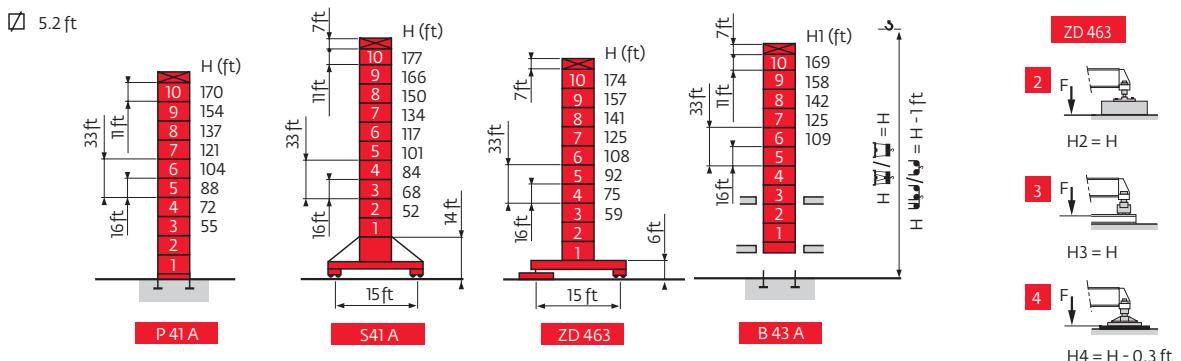
| | | | | | hp | kW | |
|------------------------|--------------------|---------------------|---------------------------------|------------------------------|---------------------------------|---------|---------|
| | 33 LVF20 Optima | fpm | 7 - 29 - 92 - 118 - 164 - 243 | 4 - 14 - 46 - 59 - 82 - 121 | 30 | 22 | 951 ft |
| | 50 LVF20 Optima | fpm | 12 - 49 - 151 - 190 - 276 - 400 | 6 - 25 - 75 - 95 - 138 - 200 | 50 | 37 | 1191 ft |
| | 50 LVF20 GH Optima | fpm | 12 - 46 - 138 - 184 - 276 - 374 | 6 - 23 - 69 - 92 - 138 - 187 | 50 | 37 | 1985 ft |
| | 7 DVF4 | fpm | | 0 - 259 | 6.5 | 4.8 | |
| | RVF152 Optima+ | rpm | | 0 - 0.8 | 2 x 5.5 | 2 x 4 | |
| | ZD 463 | RT443 A12V | fpm | | 59 - 118 | 4 x 6 | 4 x 4.4 |
| | S 41 A | RT443 A12V R ≥ 10 m | fpm | | 59 - 118 | 4 x 6 | 4 x 4.4 |
| | V 60 A | RT544 A12V R ≥ 13 m | fpm | | 53 - 105 | 4 x 8.4 | 4 x 6.2 |
| | V 63 A | | | i | | | |
| CEI 38 | | IEC 38 | | | kVA | | |
| | | | | | 33 LVF : 50 kVA 50 LVF : 65 kVA | | |
| 480 V (+6% -10%) 60 Hz | | | | | | | |



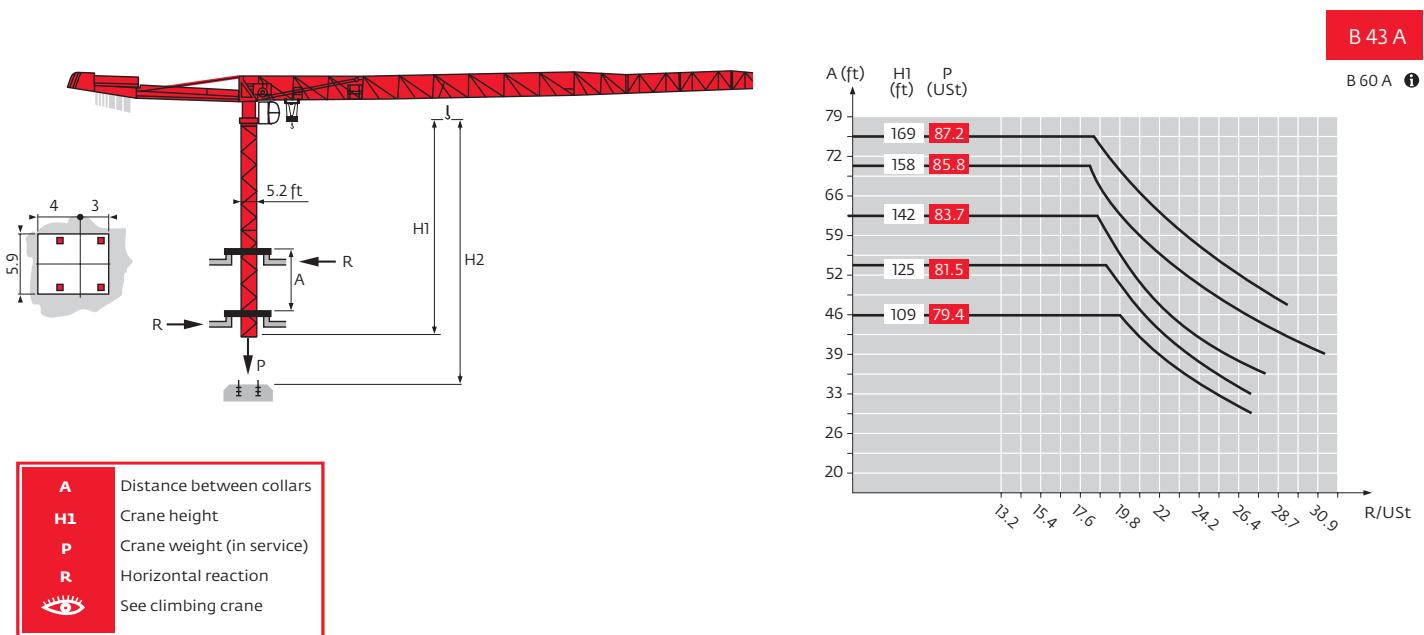
MDT 218 A J10



Mast

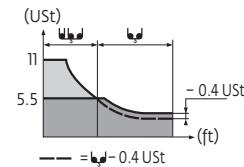


Climbing crane

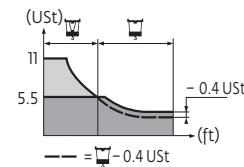


Load charts

| | | | | |
|--|--------|------|--|-----|
| | 213 ft | 10 ► | 49 56 66 72 82 88 94 98 105 115 121 131 138 148 154 164 171 180 187 197 203 213 | ft |
| | 197 ft | 10 ► | 57 66 72 82 89 98 102 110 115 121 131 138 148 154 164 171 180 187 197 | ft |
| | 180 ft | 10 ► | 62 66 72 82 89 98 105 112 119 121 131 138 148 154 164 171 180 | ft |
| | 164 ft | 10 ► | 64 66 72 82 89 98 105 115 117 125 131 138 148 154 164 | ft |
| | 148 ft | 10 ► | 66 72 82 89 98 105 115 120 128 131 138 148 | ft |
| | 131 ft | 10 ► | 68 72 82 89 98 105 115 121 123 131 | ft |
| | 115 ft | 10 ► | 66 72 82 89 98 105 115 | ft |
| | 98 ft | 10 ► | 69 72 82 89 98 | ft |
| | 82 ft | 10 ► | 68 72 82 | ft |
| | | | 11 9.5 7.8 6.9 5.5-5.5 5.3 4.9 4.4 4.1 3.3 3.5 3.3 3.1 2.9 2.7 2.5 3.3 2.3 2.1 2 | USt |
| | | | 11 9.4 8.4 7.2 6.5 5.7 5.5-5.5 5.3 5 4.5 4.2 3.9 3.7 3.4 3.3 3.1 2.9 2.8 | USt |
| | | | 11 10.3 9.3 7.9 7.3 6.4 6 5.5-5.5 5.4 7.7 4.6 4.3 4.1 3.9 3.6 3.4 | USt |
| | | | 11 10.8 9.7 8.4 7.6 6.7 6.3 5.6 5.5-5.5 5.2 5 4.5 4.3 4 | USt |
| | | | 11 9.9 8.6 7.8 6.9 6.5 5.8 5.5-5.5 5.4 5.1 4.7 | USt |
| | | | 11 10.3 8.8 8.2 7.2 6.6 6 5.6 5.5-5.5 | USt |
| | | | 11 10.5 9 8.3 7.4 6.8 6.1 | USt |
| | | | 11 10.4 9 8.3 7.3 | USt |
| | | | 11 10.4 8.9 | USt |



| | | | | |
|--|--------|------|--|-----|
| | 213 ft | 10 ► | 50 56 66 72 82 89 90 92 98 105 115 121 131 138 148 154 164 171 180 187 197 203 213 | ft |
| | 197 ft | 10 ► | 58 66 72 82 89 98 104 106 115 121 131 138 148 154 164 171 180 187 197 | ft |
| | 180 ft | 10 ► | 62 66 72 82 89 98 105 113 115 121 131 138 148 154 164 171 180 | ft |
| | 164 ft | 10 ► | 65 66 72 82 89 98 105 115 118 120 121 131 138 148 154 164 | ft |
| | 148 ft | 10 ► | 66 72 82 89 98 105 115 121 124 131 138 148 | ft |
| | 131 ft | 10 ► | 69 72 82 89 98 105 115 121 125 128 131 | ft |
| | 115 ft | 10 ► | 70 72 82 89 98 105 115 | ft |
| | 98 ft | 10 ► | 69 72 82 89 98 | ft |
| | 82 ft | 10 ► | 69 72 82 | ft |
| | | | 11 9.7 8 7.2 6.2 5.6 5.5-5.5 5.1 4.6 4.2 3.9 3.5 3.3 3 2.9 2.6 2.5 2.3 2 1.9 1.8 | USt |
| | | | 11 9.5 8.5 7.4 6.7 6 5.5-5.5 5.1 4.7 4.3 4.1 3.7 3.5 3.3 3.1 2.9 2.7 2.5 | USt |
| | | | 11 10.4 9.3 8 7.3 6.5 6 5.5-5.5 5.2 4.7 4.4 4.1 3.9 3.6 3.4 3.2 | USt |
| | | | 11 10.8 9.7 8.4 7.7 6.8 6.3 5.7 5.5-5.5 5.4 5 4.7 4.3 4.1 3.8 | USt |
| | | | 11 10 8.7 7.9 7.1 6.5 5.8 5.5-5.5 5.2 4.9 4.5 | USt |
| | | | 11 10.4 9 8.3 7.3 6.8 6.1 5.7 5.5-5.5 5.3 | USt |
| | | | 11 10.6 9.1 8.4 7.5 6.9 6.2 | USt |
| | | | 11 10.5 9.1 8.4 7.4 | USt |
| | | | 11 10.5 9 | USt |



Counter-jib ballast

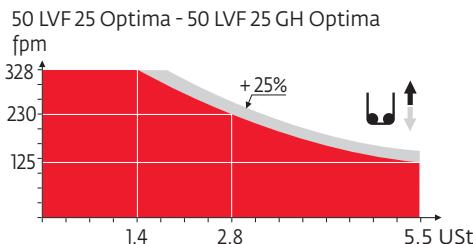
| | | 2425 lb - 7937 lb | | | | | | | | | |
|--|-------|-------------------|--|--|--|--|--|--|--|--|--|
| | | (lb) | | | | | | | | | |
| | 56 ft | 41,446 | | | | | | | | | |
| | 56 ft | 41,446 | | | | | | | | | |
| | 56 ft | 41,446 | | | | | | | | | |
| | 56 ft | 41,446 | | | | | | | | | |
| | 56 ft | 39,021 | | | | | | | | | |
| | 56 ft | 36,596 | | | | | | | | | |
| | 56 ft | 34,171 | | | | | | | | | |
| | 48 ft | 31,746 | | | | | | | | | |
| | 48 ft | 28,660 | | | | | | | | | |

Base ballast

| | | | | | | | | | | | | | | | |
|--|--------|--------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| | 5.2 ft | S 41 A | H (ft) | 177 | 166 | 150 | 134 | 117 | 101 | 84 | 68 | 52 | | | |
| | | | (USt) | 126 | 106 | 93 | 86 | 86 | 86 | 86 | 86 | 86 | | | |
| | 5.2 ft | ZD 463 | H (ft) | 174 | 157 | 141 | 125 | 108 | 92 | 75 | 59 | | | | |
| | | | (USt) | 116* | 94 | 83 | 83 | 83 | 83 | 83 | 83 | | | | |
| | 6.6 ft | V 60 A | H (ft) | 208 | 198 | 187 | 170 | 154 | 137 | 121 | 105 | 88 | 72 | 55 | |
| | | | (USt) | 146 | 119 | 106 | 79 | 53 | 40 | 40 | 40 | 40 | 40 | | |
| | 6.6 ft | V 63 A | H (ft) | 231 | 220 | 203 | 187 | 171 | 154 | 138 | 121 | 105 | 89 | 72 | 56 |
| | | | (USt) | 185 | 172 | 132 | 106 | 79 | 53 | 40 | 40 | 40 | 40 | 40 | |
| | 6.6 ft | ZD 463 | H (ft) | 163 | 152 | 141 | 125 | 108 | 92 | 75 | 59 | 43 | | | |
| | | | (USt) | 121* | 94 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | | | |

Mechanisms

| | | | | | | hp | kW | |
|------------------------|---------------------|--------|---------------------------------|------------------------------|-----|---------|---------|---------|
| | 50 LVF25 Optima | fpm | 10 - 39 - 125 - 164 - 230 - 328 | 5 - 20 - 62 - 82 - 115 - 164 | | 50 | 37 | 912 ft |
| | USt | | 5.5 5.5 5.5 4.1 2.8 1.4 | 11 11 11 8.3 5.5 2.8 | | | | |
| | 50 LVF25 GH Optima | fpm | 3 - 39 - 125 - 164 - 230 - 328 | 5 - 20 - 62 - 82 - 115 - 164 | | 50 | 37 | 1690 ft |
| | USt | | 5.5 5.5 5.5 4.1 2.8 1.4 | 11 11 11 8.3 5.5 2.8 | | | | |
| | 7DVF4 | fpm | | 0 - 259 | | 6.5 | 4.8 | |
| | RVF152 Optima+ | rpm | | 0 - 0.8 | | 2 x 5.5 | 2 x 4 | |
| ZD 463 | RT443 A12V | fpm | | 59 - 118 | | 4 x 6 | 4 x 4.4 | |
| S41A | RT443 A12V R ≥ 10 m | fpm | | 59 - 118 | | 4 x 6 | 4 x 4.4 | |
| V60A | RT544 A12V R ≥ 13 m | fpm | | 53 - 105 | | 4 x 8.4 | 4 x 6.2 | |
| V63A | | | | | | | | |
| CEI 38 | | IEC 38 | | | kVA | | | |
| 480 V (+6% -10%) 60 Hz | | | | 50 LVF : 65 kVA | | | | |



Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment and price changes without notice. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.

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