

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**42-60 🌿 Diam PE Hose – 110 🌿 Mt Length PE Hose – 350**

| BOOM    | Nozzle |        |       |         |          | ATM | Total capacity |        |        | Irrigated area Surface | SPEED MT/H , RATE AND INLET PRESSURE |     |      |     |      |     |      |     |      |     |      |      |      |      |
|---------|--------|--------|-------|---------|----------|-----|----------------|--------|--------|------------------------|--------------------------------------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|
|         |        |        |       |         |          |     | lt/sec         | lt/min | mc/h   |                        | 10                                   |     | 20   |     | 30   |     | 40   |     | 50   |     | 75   |      | 100  |      |
|         | HA     | mm     | BAR   | mm      | BAR      |     | mm             | BAR    | mm     | BAR                    | mm                                   | BAR | mm   | BAR | mm   | BAR | mm   | BAR |      |     |      |      |      |      |
| MOD. 50 | Verde  | Green  | Vert  | Grün    | Verde    | 1   | 7.43           | 446    | 26.76  | 1.61                   | 58.2                                 | 1.7 | 29.1 | 1.9 | 19.4 | 2.0 | 14.5 | 2.2 | 11.6 | 2.4 | 7.8  | 2.8  | 5.8  | 3.2  |
|         |        |        |       |         |          | 2   | 10.65          | 639    | 38.34  |                        | 83.3                                 | 3.2 | 41.7 | 3.3 | 27.8 | 3.5 | 20.8 | 3.7 | 16.7 | 3.8 | 11.1 | 4.3  | 8.3  | 4.7  |
|         |        |        |       |         |          | 3   | 12.63          | 757.6  | 45.46  |                        | 98.8                                 | 4.6 | 49.4 | 4.7 | 32.9 | 4.9 | 24.7 | 5.1 | 19.8 | 5.2 | 13.2 | 5.6  | 9.9  | 6.1  |
|         | Giallo | Yellow | Jaune | Gelb    | Amarillo | 1   | 8.90           | 534    | 32.04  | 1.61                   | 69.7                                 | 1.9 | 34.8 | 2.1 | 23.2 | 2.2 | 17.4 | 2.4 | 13.9 | 2.6 | 9.3  | 3.0  | 7.0  | 3.4  |
|         |        |        |       |         |          | 2   | 12.41          | 744.6  | 44.68  |                        | 97.1                                 | 3.5 | 48.6 | 3.7 | 32.4 | 3.8 | 24.3 | 4.0 | 19.4 | 4.2 | 12.9 | 4.6  | 9.7  | 5.0  |
|         |        |        |       |         |          | 3   | 15.27          | 916    | 54.96  |                        | 119.5                                | 5.1 | 59.7 | 5.3 | 39.8 | 5.5 | 29.9 | 5.6 | 23.9 | 5.8 | 15.9 | 6.2  | 11.9 | 6.6  |
|         | Rosso  | Red    | Rouge | Rot     | Rojo     | 1   | 10.66          | 639.6  | 38.38  | 1.61                   | 83.4                                 | 2.2 | 41.7 | 2.3 | 27.8 | 2.5 | 20.9 | 2.7 | 16.7 | 2.8 | 11.1 | 3.3  | 8.3  | 3.7  |
|         |        |        |       |         |          | 2   | 14.76          | 885.4  | 53.12  |                        | 115.5                                | 4.0 | 57.7 | 4.2 | 38.5 | 4.4 | 28.9 | 4.5 | 23.1 | 4.7 | 15.4 | 5.1  | 11.5 | 5.5  |
|         |        |        |       |         |          | 3   | 17.91          | 1074.4 | 64.46  |                        | 140.1                                | 5.8 | 70.1 | 6.0 | 46.7 | 6.2 | 35.0 | 6.3 | 28.0 | 6.5 | 18.7 | 6.9  | 14.0 | 7.3  |
|         | Nero   | Black  | Noir  | Schwarz | Negro    | 1   | 14.77          | 886    | 53.16  | 1.61                   | 115.6                                | 3.0 | 57.8 | 3.2 | 38.5 | 3.4 | 28.9 | 3.5 | 23.1 | 3.7 | 15.4 | 4.1  | 11.6 | 4.5  |
|         |        |        |       |         |          | 2   | 20.92          | 1255   | 75.30  |                        | 163.7                                | 5.7 | 81.8 | 5.9 | 54.6 | 6.0 | 40.9 | 6.2 | 32.7 | 6.4 | 21.8 | 6.8  | 16.4 | 7.2  |
|         |        |        |       |         |          | 3   | 24.80          | 1488   | 89.28  |                        | 194.1                                | 8.0 | 97.0 | 8.2 | 64.7 | 8.3 | 48.5 | 8.5 | 38.8 | 8.7 | 25.9 | 9.1  | 19.4 | 9.5  |
| MOD. 57 | Verde  | Green  | Vert  | Grün    | Verde    | 1   | 8.33           | 500    | 30.00  | 1.86                   | 56.6                                 | 1.8 | 28.3 | 2.0 | 18.9 | 2.1 | 14.2 | 2.3 | 11.3 | 2.5 | 7.5  | 2.9  | 5.7  | 3.3  |
|         |        |        |       |         |          | 2   | 11.95          | 717    | 43.02  |                        | 81.2                                 | 3.4 | 40.6 | 3.6 | 27.1 | 3.8 | 20.3 | 3.9 | 16.2 | 4.1 | 10.8 | 4.5  | 8.1  | 4.9  |
|         |        |        |       |         |          | 3   | 14.17          | 850    | 51.00  |                        | 96.2                                 | 4.9 | 48.1 | 5.1 | 32.1 | 5.2 | 24.1 | 5.4 | 19.2 | 5.6 | 12.8 | 6.0  | 9.6  | 6.4  |
|         | Giallo | Yellow | Jaune | Gelb    | Amarillo | 1   | 10.00          | 600    | 36.00  | 1.86                   | 67.9                                 | 2.1 | 34.0 | 2.2 | 22.6 | 2.4 | 17.0 | 2.6 | 13.6 | 2.7 | 9.1  | 3.2  | 6.8  | 3.6  |
|         |        |        |       |         |          | 2   | 13.95          | 837    | 50.22  |                        | 94.8                                 | 3.8 | 47.4 | 4.0 | 31.6 | 4.2 | 23.7 | 4.3 | 19.0 | 4.5 | 12.6 | 4.9  | 9.5  | 5.3  |
|         |        |        |       |         |          | 3   | 17.17          | 1030   | 61.80  |                        | 116.6                                | 5.6 | 58.3 | 5.8 | 38.9 | 6.0 | 29.2 | 6.1 | 23.3 | 6.3 | 15.5 | 6.7  | 11.7 | 7.1  |
|         | Rosso  | Red    | Rouge | Rot     | Rojo     | 1   | 12.00          | 720    | 43.20  | 1.86                   | 81.5                                 | 2.4 | 40.8 | 2.6 | 27.2 | 2.8 | 20.4 | 2.9 | 16.3 | 3.1 | 10.9 | 3.5  | 8.2  | 3.9  |
|         |        |        |       |         |          | 2   | 16.62          | 997    | 59.82  |                        | 112.9                                | 4.5 | 56.4 | 4.6 | 37.6 | 4.8 | 28.2 | 5.0 | 22.6 | 5.1 | 15.0 | 5.6  | 11.3 | 6.0  |
|         |        |        |       |         |          | 3   | 20.17          | 1210   | 72.60  |                        | 137.0                                | 6.5 | 68.5 | 6.6 | 45.7 | 6.8 | 34.2 | 7.0 | 27.4 | 7.1 | 18.3 | 7.6  | 13.7 | 8.0  |
|         | Nero   | Black  | Noir  | Schwarz | Negro    | 1   | 16.67          | 1000   | 60.00  | 1.86                   | 113.2                                | 3.5 | 56.6 | 3.7 | 37.7 | 3.8 | 28.3 | 4.0 | 22.6 | 4.2 | 15.1 | 4.6  | 11.3 | 5.0  |
|         |        |        |       |         |          | 2   | 23.62          | 1417   | 85.02  |                        | 160.4                                | 6.6 | 80.2 | 6.8 | 53.5 | 6.9 | 40.1 | 7.1 | 32.1 | 7.3 | 21.4 | 7.7  | 16.0 | 8.1  |
|         |        |        |       |         |          | 3   | 28.00          | 1680   | 100.80 |                        | 190.2                                | 9.2 | 95.1 | 9.4 | 63.4 | 9.6 | 47.5 | 9.7 | 38.0 | 9.9 | 25.4 | 10.3 | 19.0 | 10.7 |

| BOOM         | Nozzle       |        |       |         |          | ATM   | Total capacity |        |        | Irrigated area Surface | SPEED MT/H , RATE AND INLET PRESSURE |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|--------------|--------------|--------|-------|---------|----------|-------|----------------|--------|--------|------------------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|              |              |        |       |         |          |       | lt/sec         | lt/min | mc/h   |                        | HA                                   | 10   |      | 20   |      | 30   |      | 40   |      | 50   |      | 75   |      | 100  |     |
|              |              |        |       |         |          |       |                |        |        |                        |                                      | mm   | BAR  | mm   | BAR  | mm   | BAR  | mm   | BAR  | mm   | BAR  | mm   | BAR  | mm   | BAR |
| MOD. 62 \ 54 | Verde        | Green  | Vert  | Grün    | Verde    | 1     | 9.23           | 554    | 33.24  | 2.03                   | 57.3                                 | 1.9  | 28.7 | 2.1  | 19.1 | 2.3  | 14.3 | 2.4  | 11.5 | 2.6  | 7.6  | 3.0  | 5.7  | 3.4  |     |
|              |              |        |       |         |          | 2     | 13.25          | 795    | 47.70  |                        | 82.2                                 | 3.7  | 41.1 | 3.9  | 27.4 | 4.0  | 20.6 | 4.2  | 16.4 | 4.4  | 11.0 | 4.8  | 8.2  | 5.2  |     |
|              |              |        |       |         |          | 3     | 15.71          | 942.4  | 56.54  |                        | 97.5                                 | 5.2  | 48.7 | 5.4  | 32.5 | 5.6  | 24.4 | 5.7  | 19.5 | 5.9  | 13.0 | 6.3  | 9.7  | 6.7  |     |
|              | Giallo       | Yellow | Jaune | Gelb    | Amarillo | 1     | 11.10          | 666    | 39.96  | 2.03                   | 68.9                                 | 2.3  | 34.4 | 2.4  | 23.0 | 2.6  | 17.2 | 2.8  | 13.8 | 2.9  | 9.2  | 3.3  | 6.9  | 3.8  |     |
|              |              |        |       |         |          | 2     | 15.49          | 929.4  | 55.76  |                        | 96.1                                 | 4.2  | 48.1 | 4.4  | 32.0 | 4.5  | 24.0 | 4.7  | 19.2 | 4.9  | 12.8 | 5.3  | 9.6  | 5.7  |     |
|              |              |        |       |         |          | 3     | 19.07          | 1144   | 68.64  |                        | 118.3                                | 6.1  | 59.2 | 6.3  | 39.4 | 6.5  | 29.6 | 6.6  | 23.7 | 6.8  | 15.8 | 7.2  | 11.8 | 7.6  |     |
|              | Rosso        | Red    | Rouge | Rot     | Rojo     | 1     | 13.34          | 800.4  | 48.02  | 2.03                   | 82.8                                 | 2.7  | 41.4 | 2.9  | 27.6 | 3.0  | 20.7 | 3.2  | 16.6 | 3.4  | 11.0 | 3.8  | 8.3  | 4.2  |     |
|              |              |        |       |         |          | 2     | 18.48          | 1108.6 | 66.52  |                        | 114.7                                | 5.0  | 57.3 | 5.1  | 38.2 | 5.3  | 28.7 | 5.5  | 22.9 | 5.6  | 15.3 | 6.1  | 11.5 | 6.5  |     |
|              |              |        |       |         |          | 3     | 22.43          | 1345.6 | 80.74  |                        | 139.2                                | 7.2  | 69.6 | 7.4  | 46.4 | 7.5  | 34.8 | 7.7  | 27.8 | 7.9  | 18.6 | 8.3  | 13.9 | 8.7  |     |
|              | Nero         | Black  | Noir  | Schwarz | Negro    | 1     | 18.57          | 1114   | 66.84  | 2.03                   | 115.2                                | 4.0  | 57.6 | 4.2  | 38.4 | 4.3  | 28.8 | 4.5  | 23.0 | 4.7  | 15.4 | 5.1  | 11.5 | 5.5  |     |
|              |              |        |       |         |          | 2     | 26.32          | 1579   | 94.74  |                        | 163.3                                | 7.6  | 81.7 | 7.7  | 54.4 | 7.9  | 40.8 | 8.1  | 32.7 | 8.2  | 21.8 | 8.7  | 16.3 | 9.1  |     |
|              |              |        |       |         |          | 3     | 31.20          | 1872   | 112.32 |                        | 193.7                                | 10.6 | 96.8 | 10.7 | 64.6 | 10.9 | 48.4 | 11.1 | 38.7 | 11.2 | 25.8 | 11.7 | 19.4 | 12.1 |     |
|              | MOD. 70 \ 61 | Verde  | Green | Vert    | Grün     | Verde | 1              | 10.13  | 608    | 36.48                  | 2.31                                 | 55.3 | 2.1  | 27.6 | 2.3  | 18.4 | 2.4  | 13.8 | 2.6  | 11.1 | 2.8  | 7.4  | 3.2  | 5.5  | 3.6 |
|              |              |        |       |         |          |       | 2              | 14.55  | 873    | 52.38                  |                                      | 79.4 | 4.0  | 39.7 | 4.1  | 26.5 | 4.3  | 19.8 | 4.5  | 15.9 | 4.6  | 10.6 | 5.1  | 7.9  | 5.5 |
|              |              |        |       |         |          |       | 3              | 17.25  | 1034.8 | 62.09                  |                                      | 94.1 | 5.6  | 47.0 | 5.8  | 31.4 | 6.0  | 23.5 | 6.1  | 18.8 | 6.3  | 12.5 | 6.7  | 9.4  | 7.1 |
| Giallo       |              | Yellow | Jaune | Gelb    | Amarillo | 1     | 12.20          | 732    | 43.92  | 2.31                   | 66.5                                 | 2.5  | 33.3 | 2.6  | 22.2 | 2.8  | 16.6 | 3.0  | 13.3 | 3.1  | 8.9  | 3.6  | 6.7  | 4.0  |     |
|              |              |        |       |         |          | 2     | 17.03          | 1021.8 | 61.31  |                        | 92.9                                 | 4.6  | 46.4 | 4.7  | 31.0 | 4.9  | 23.2 | 5.1  | 18.6 | 5.2  | 12.4 | 5.7  | 9.3  | 6.1  |     |
|              |              |        |       |         |          | 3     | 20.97          | 1258   | 75.48  |                        | 114.4                                | 6.7  | 57.2 | 6.9  | 38.1 | 7.1  | 28.6 | 7.2  | 22.9 | 7.4  | 15.2 | 7.8  | 11.4 | 8.2  |     |
| Rosso        |              | Red    | Rouge | Rot     | Rojo     | 1     | 14.68          | 880.8  | 52.85  | 2.31                   | 80.1                                 | 3.0  | 40.0 | 3.2  | 26.7 | 3.3  | 20.0 | 3.5  | 16.0 | 3.7  | 10.7 | 4.1  | 8.0  | 4.5  |     |
|              |              |        |       |         |          | 2     | 20.34          | 1220.2 | 73.21  |                        | 110.9                                | 5.5  | 55.5 | 5.7  | 37.0 | 5.9  | 27.7 | 6.0  | 22.2 | 6.2  | 14.8 | 6.6  | 11.1 | 7.0  |     |
|              |              |        |       |         |          | 3     | 24.69          | 1481.2 | 88.87  |                        | 134.7                                | 8.0  | 67.3 | 8.1  | 44.9 | 8.3  | 33.7 | 8.5  | 26.9 | 8.6  | 18.0 | 9.1  | 13.5 | 9.5  |     |
| Nero         |              | Black  | Noir  | Schwarz | Negro    | 1     | 20.47          | 1228   | 73.68  | 2.31                   | 111.6                                | 4.6  | 55.8 | 4.7  | 37.2 | 4.9  | 27.9 | 5.1  | 22.3 | 5.2  | 14.9 | 5.6  | 11.2 | 6.1  |     |
|              |              |        |       |         |          | 2     | 29.02          | 1741   | 104.46 |                        | 158.3                                | 8.6  | 79.1 | 8.8  | 52.8 | 9.0  | 39.6 | 9.1  | 31.7 | 9.3  | 21.1 | 9.7  | 15.8 | 10.1 |     |
|              |              |        |       |         |          | 3     | 34.40          | 2064   | 123.84 |                        | 187.6                                | 12.1 | 93.8 | 12.2 | 62.5 | 12.4 | 46.9 | 12.6 | 37.5 | 12.7 | 25.0 | 13.1 | 18.8 | 13.6 |     |