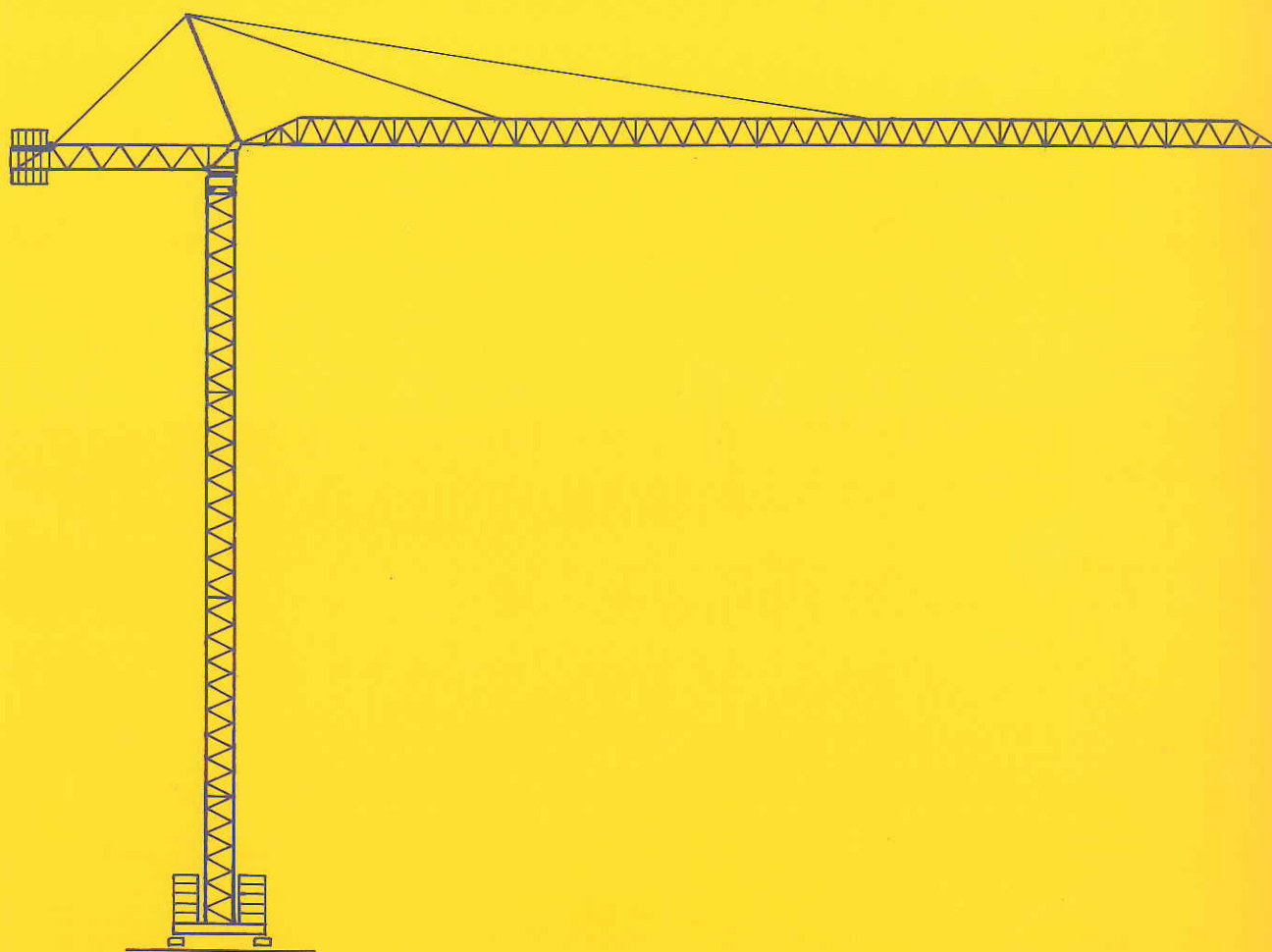
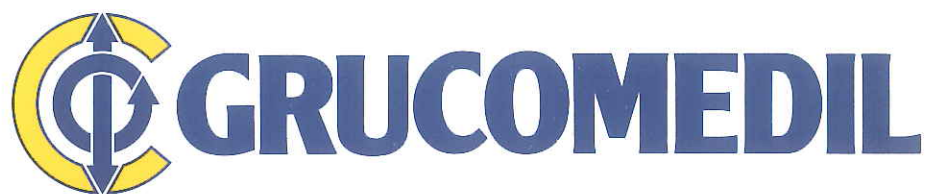
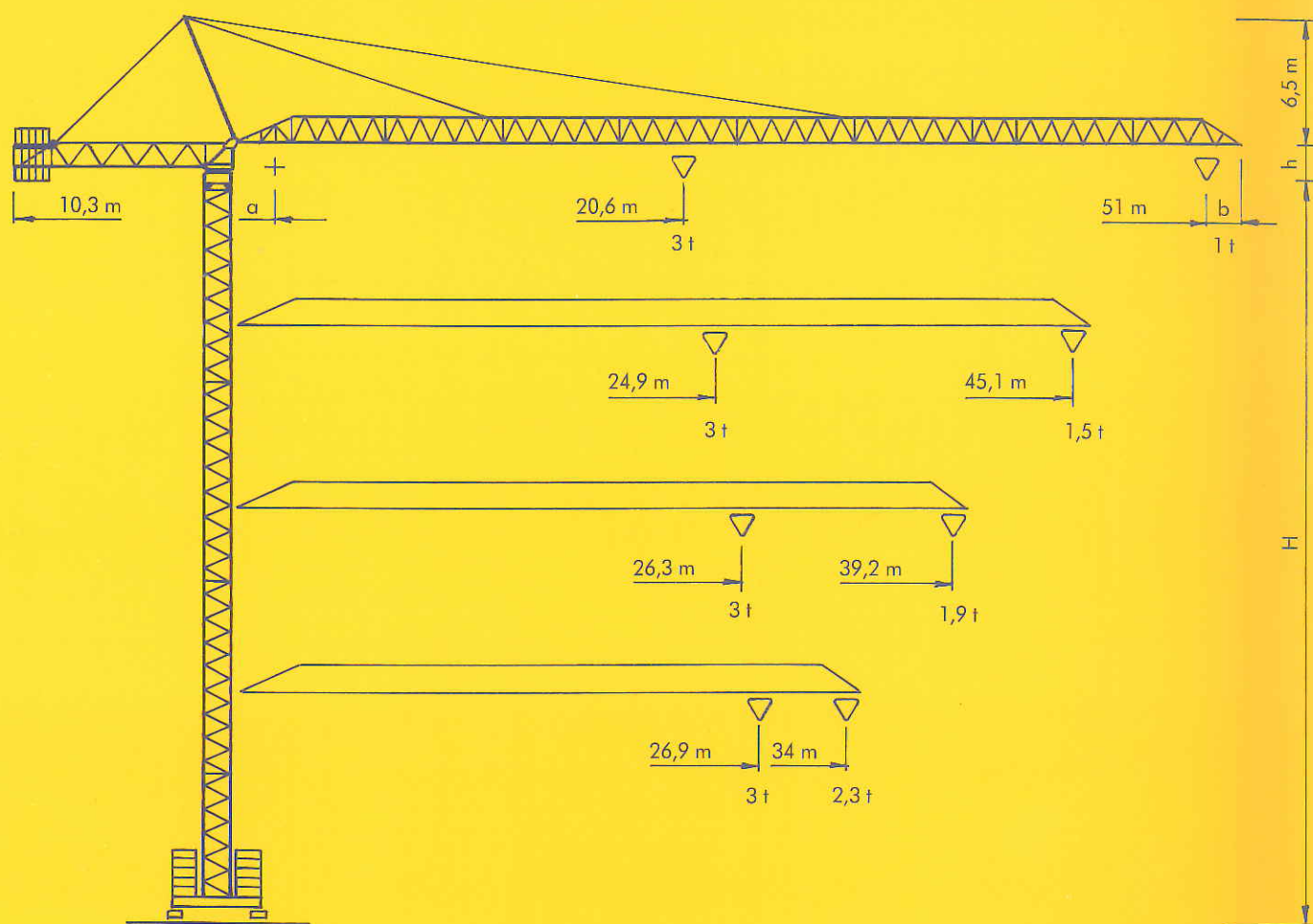




**GRU A TORRE «CITY»**  
**SISTEMA MODULARE**  
**GIUNZIONE A SPINE**

**CITY CRANE**  
**MODULAR SYSTEM**  
**PIN CONNECTION**

**GTS 511**

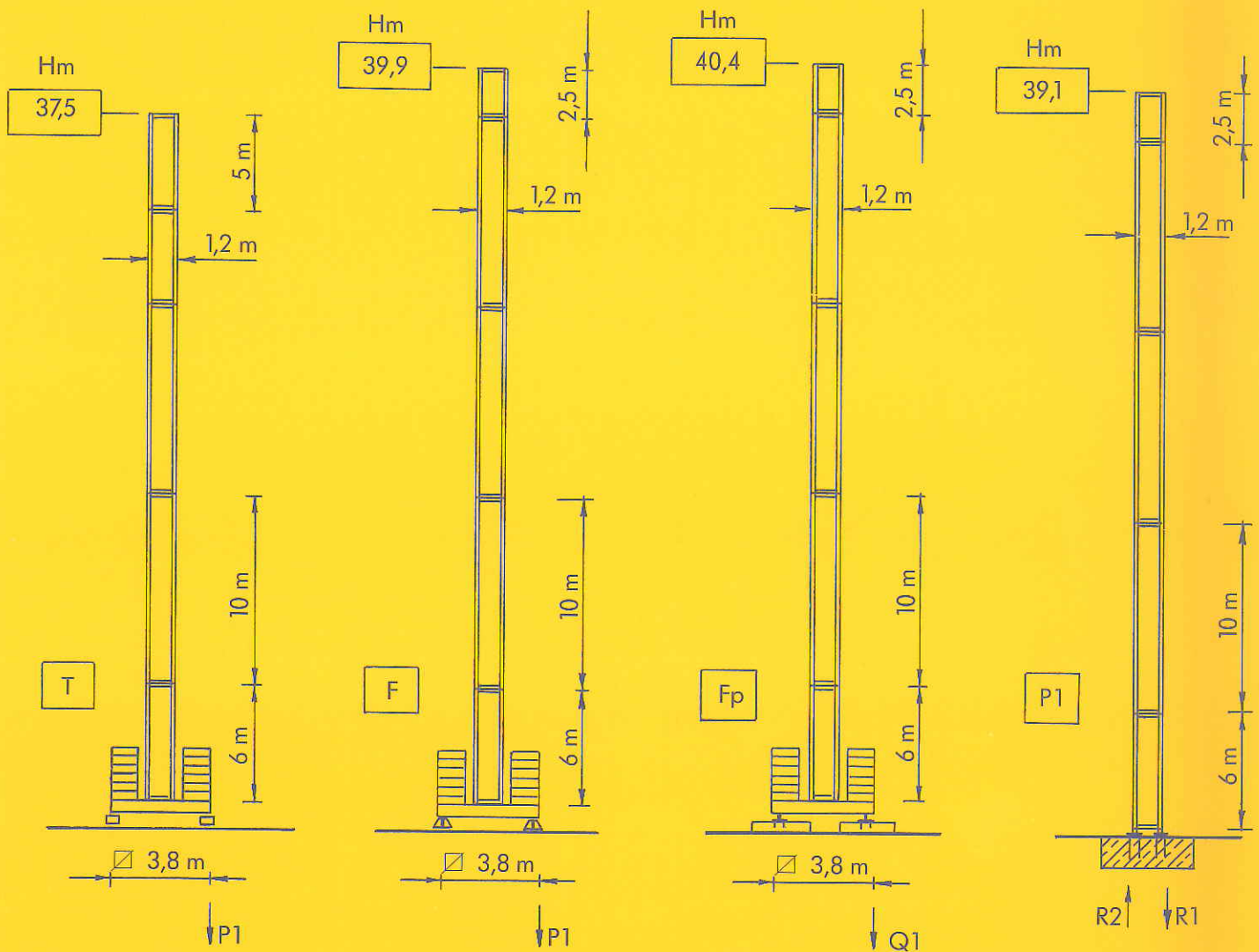


$a = 2 \text{ m}$   
 $b = 1 \text{ m}$   
 $h = 1,5 \text{ m}$

## SBRACCI E PORTATE - RADIUS AND CAPACITY

|              |      |    |    |      |      |      |      |      |      |      |      |      |      |    | m |
|--------------|------|----|----|------|------|------|------|------|------|------|------|------|------|----|---|
| 10 ÷ 030     |      | 15 | 18 | 21   | 24   | 27   | 30   | 34   | 36   | 39,2 | 42   | 45,1 | 48   | 51 |   |
|              |      |    |    |      |      |      |      |      |      |      |      |      |      |    | t |
| 3 t ÷ 20,6 m | (II) | 3  | 3  | 2,94 | 2,53 | 2,20 | 1,95 | 1,68 | 1,56 | 1,40 | 1,29 | 1,17 | 1,08 | 1  |   |
| 3 t ÷ 24,9 m | (II) | 3  | 3  | 3    | 3    | 2,74 | 2,43 | 2,10 | 1,97 | 1,78 | 1,63 | 1,50 |      |    |   |
| 3 t ÷ 26,3 m | (II) | 3  | 3  | 3    | 3    | 2,92 | 2,59 | 2,24 | 2,10 | 1,90 |      |      |      |    |   |
| 3 t ÷ 26,9 m | (II) | 3  | 3  | 3    | 3    | 2,99 | 2,65 | 2,30 |      |      |      |      |      |    |   |

# GTS 511 S 12



|     |          |          |
|-----|----------|----------|
| P 1 | 47,6 t * | 51,8 t * |
|     | 26,8 t   |          |

|     |        |        |
|-----|--------|--------|
| Q 1 | 49 t * | 59 t * |
|     | 26,3 t |        |

|     |          |         |
|-----|----------|---------|
| R 1 | 86 t *   | 119 t * |
| R 2 | 64,3 t * | 101 t * |
|     | 22,8 t   |         |

$H > H_{max}$  consultateci

$H > H_{max}$  consult us

Peso gru senza zavorra  
max H max sbraccio

\* In servizio

\* Fuori servizio

Weight without ballast  
max height jib length

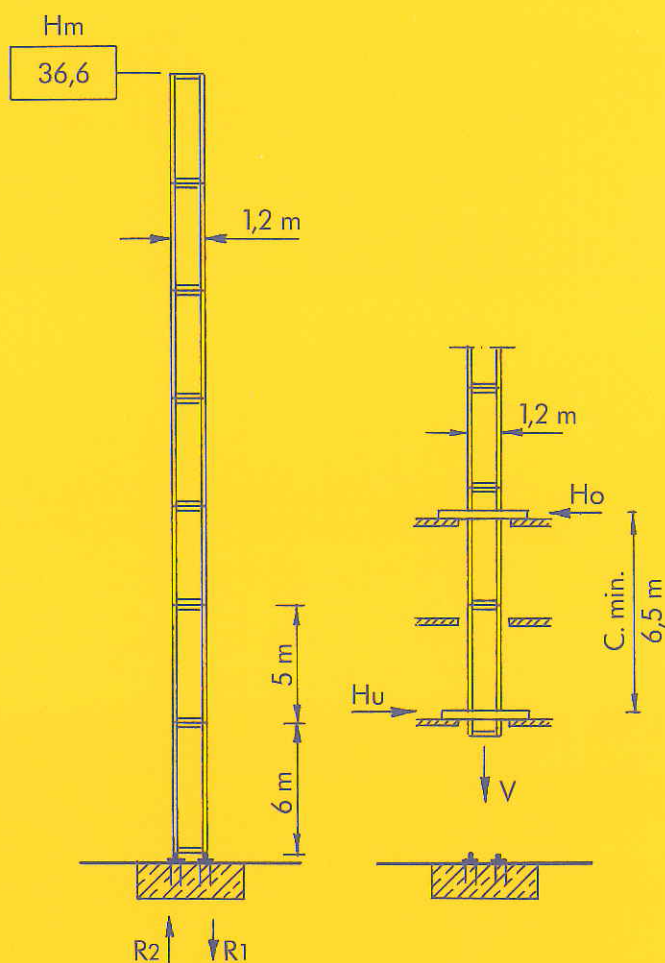
\* In service

\* Out of service



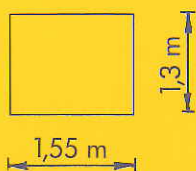
# GTS 511

## S 12 CLIMBING



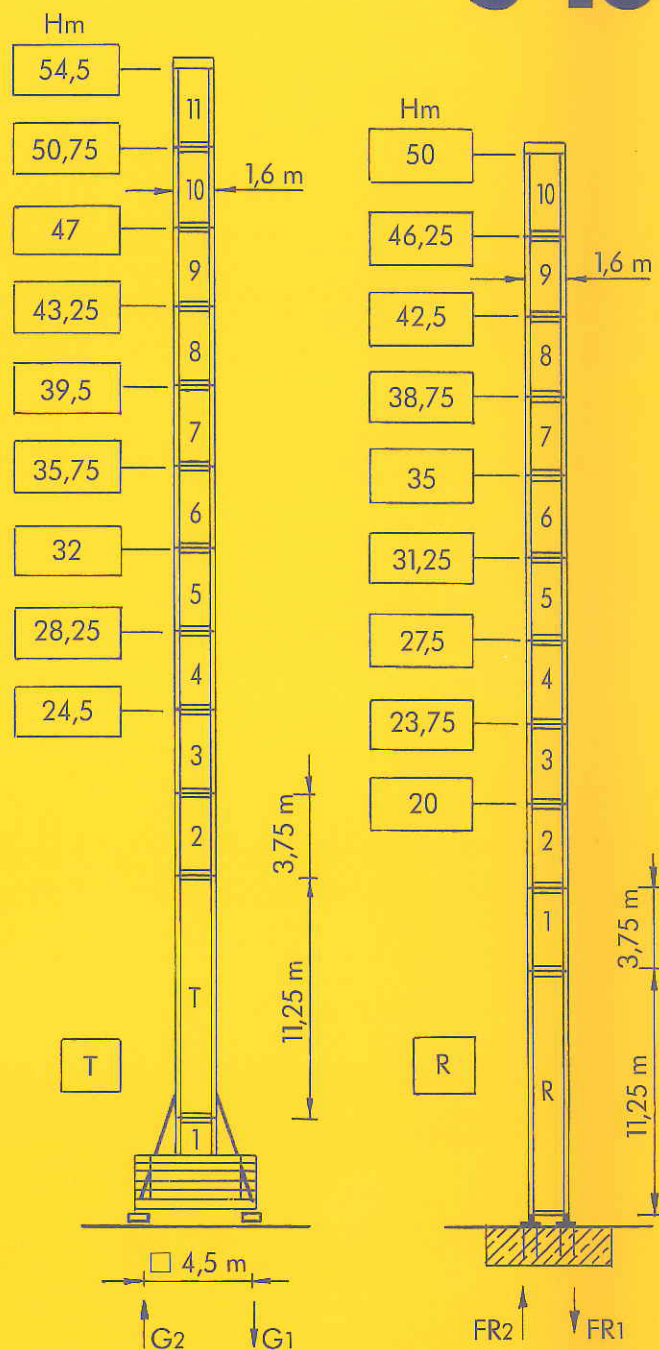
|     |          |           |
|-----|----------|-----------|
| R 1 | 84,4 t * | 108,5 t * |
| R 2 | 65,5 t * | 88,8 t *  |

|    |          |          |
|----|----------|----------|
| Ho | 20 t *   | 28 t *   |
| Hn | 18 t *   | 20,2 t * |
| V  | 42,6 t * | 38,7 t * |



# GTS 511

## S 16



|     |        |        |
|-----|--------|--------|
| G 1 | 72 t * | 99 t * |
| G 2 |        | 18 t * |
|     | 39,3 t |        |

|      |        |         |
|------|--------|---------|
| FR 1 | 86 t * | 160 t * |
| FR 2 | 56 t * | 134 t * |
|      | 31,9 t |         |

H > H max consultateci



Peso gru senza zavorra  
max H max sbraccio

\* In servizio

\* Fuori servizio

H > H max consult us



Weight without ballast  
max height jib length

\* In service

\* Out of service

## SBRACCI E PORTATE - RADIUS AND CAPACITY

| m            |      |    |    |    |    |    |    |      |      |      |      |      |      |      |
|--------------|------|----|----|----|----|----|----|------|------|------|------|------|------|------|
| 11 ÷ 020     | 15   | 18 | 21 | 24 | 27 | 30 | 34 | 36   | 39,2 | 42   | 45,1 | 48   | 51   |      |
| t            |      |    |    |    |    |    |    |      |      |      |      |      |      |      |
| 2 t ÷ 30,5 m | (II) | 2  | 2  | 2  | 2  | 2  | 2  | 1,77 | 1,65 | 1,50 | 1,38 | 1,27 | 1,18 | 1,10 |
| 2 t ÷ 37 m   | (II) | 2  | 2  | 2  | 2  | 2  | 2  | 2    | 2    | 1,87 | 1,73 | 1,60 |      |      |
| 2 t ÷ 39,2 m | (II) | 2  | 2  | 2  | 2  | 2  | 2  | 2    | 2    | 2    |      |      |      |      |
| 2 t ÷ 34 m   | (II) | 2  | 2  | 2  | 2  | 2  | 2  | 2    | 2    |      |      |      |      |      |

## SBRACCI E PORTATE - RADIUS AND CAPACITY

| m            |      |    |      |      |      |      |      |      |      |      |      |      |      |   |
|--------------|------|----|------|------|------|------|------|------|------|------|------|------|------|---|
| 10 ÷ 040     | 15   | 18 | 21   | 24   | 27   | 30   | 34   | 36   | 39,2 | 42   | 45,1 | 48   | 51   |   |
| t            |      |    |      |      |      |      |      |      |      |      |      |      |      |   |
| 2 t ÷ 29,4 m | (II) | 2  | 2    | 2    | 2    | 2    | 1,95 | 1,68 | 1,57 | 1,41 | 1,29 | 1,17 | 1,08 | 1 |
| 4 t ÷ 15,8 m | (IV) | 4  | 3,47 | 2,91 | 2,50 | 2,17 | 1,95 | 1,68 | 1,57 | 1,41 | 1,29 | 1,17 | 1,08 | 1 |
| 2 t ÷ 35,5 m | (II) | 2  | 2    | 2    | 2    | 2    | 2    | 2    | 1,97 | 1,78 | 1,63 | 1,50 |      |   |
| 4 t ÷ 19,1 m | (IV) | 4  | 4    | 3,60 | 3,10 | 2,71 | 2,40 | 2,07 | 1,97 | 1,78 | 1,63 | 1,50 |      |   |
| 2 t ÷ 37,5 m | (II) | 2  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1,90 |      |      |      |   |
| 4 t ÷ 20,1 m | (IV) | 4  | 4    | 3,82 | 3,29 | 2,88 | 2,55 | 2,20 | 2,06 | 1,90 |      |      |      |   |
| 2 t ÷ 38,3 m | (II) | 2  | 2    | 2    | 2    | 2    | 2    | 2    |      |      |      |      |      |   |
| 4 t ÷ 20,5 m | (IV) | 4  | 4    | 3,91 | 3,37 | 2,95 | 2,61 | 2,26 |      |      |      |      |      |   |

## SBRACCI E PORTATE - RADIUS AND CAPACITY

| m            |      |    |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|------|----|------|------|------|------|------|------|------|------|------|------|------|------|
| 10 ÷ 060     | 10   | 15 | 18   | 21   | 24   | 27   | 30   | 34   | 36   | 39,2 | 42   | 45,1 | 48   | 51   |
| t            |      |    |      |      |      |      |      |      |      |      |      |      |      |      |
| 3 t ÷ 20,3 m | (II) | 3  | 3    | 3    | 2,90 | 2,49 | 2,18 | 1,93 | 1,66 | 1,55 | 1,40 | 1,28 | 1,17 | 1,08 |
| 6 t ÷ 10,2 m | (IV) | 6  | 3,91 | 3,15 | 2,62 | 2,21 | 1,90 | 1,65 | 1,38 | 1,27 | 1,12 | 1    | 0,89 | 0,80 |
| 3 t ÷ 24,7 m | (II) | 3  | 3    | 3    | 3    | 3    | 2,72 | 2,42 | 2,09 | 1,96 | 1,77 | 1,63 | 1,50 |      |
| 6 t ÷ 12,4 m | (IV) | 6  | 4,89 | 3,97 | 3,32 | 2,82 | 2,44 | 2,14 | 1,81 | 1,68 | 1,49 | 1,35 | 1,22 |      |
| 3 t ÷ 26,2 m | (II) | 3  | 3    | 3    | 3    | 3    | 2,90 | 2,58 | 2,24 | 2,09 | 1,90 |      |      |      |
| 6 t ÷ 13,2 m | (IV) | 6  | 5,21 | 4,24 | 3,55 | 3,03 | 2,62 | 2,30 | 1,96 | 1,81 | 1,62 |      |      |      |
| 3 t ÷ 26,6 m | (II) | 3  | 3    | 3    | 3    | 3    | 2,98 | 2,65 | 2,30 |      |      |      |      |      |
| 6 t ÷ 13,5 m | (IV) | 6  | 5,35 | 4,35 | 3,64 | 3,11 | 2,70 | 2,37 | 2,02 |      |      |      |      |      |



| POTENZA TOTALE RICHIESTA<br>NECESSARY POWER SUPPLY | ARGANI<br>WINCHES | CORRENTE TRIFASE<br>THREE-PHASE CURRENT |
|----------------------------------------------------|-------------------|-----------------------------------------|
| 23 Kw                                              | AG 20             | 380 V - 50 Hz                           |
| 27 Kw                                              | AG 25             | 380 V - 50 Hz                           |
| 33 Kw                                              | AG 33             | 380 V - 50 Hz                           |

| ARGANI - WINCHES |                                                                                     | m/min | t   | HP | Kw   |  |
|------------------|-------------------------------------------------------------------------------------|-------|-----|----|------|-------------------------------------------------------------------------------------|
| AG 20/1          |    | 6,2   | 3   | 20 | 14,7 | 168 m<br>max                                                                        |
|                  |                                                                                     | 25    | 3   |    |      |                                                                                     |
|                  |                                                                                     | 50    | 1,5 |    |      |                                                                                     |
|                  |    | 3,1   | 6   |    |      | > 168 m<br>consultateci<br>consult us                                               |
|                  |                                                                                     | 12,5  | 6   |    |      |                                                                                     |
|                  |                                                                                     | 25    | 3   |    |      |                                                                                     |
| AG 20/3          |    | 8     | 2   | 20 | 14,7 | 168 m<br>max                                                                        |
|                  |                                                                                     | 35    | 2   |    |      |                                                                                     |
|                  |                                                                                     | 70    | 1   |    |      |                                                                                     |
|                  |    | 4     | 4   |    |      | > 168 m<br>consultateci<br>consult us                                               |
|                  |                                                                                     | 17,5  | 4   |    |      |                                                                                     |
|                  |                                                                                     | 35    | 2   |    |      |                                                                                     |
| AG 25/2          |   | 7,5   | 3   | 25 | 18,3 | 168 m<br>max                                                                        |
|                  |                                                                                     | 30    | 3   |    |      |                                                                                     |
|                  |                                                                                     | 60    | 1,5 |    |      |                                                                                     |
|                  |  | 3,8   | 6   |    |      | > 168 m<br>consultateci<br>consult us                                               |
|                  |                                                                                     | 15    | 6   |    |      |                                                                                     |
|                  |                                                                                     | 30    | 3   |    |      |                                                                                     |
| AG 25/5          |  | 12,5  | 2   | 25 | 18,3 | 168 m<br>max                                                                        |
|                  |                                                                                     | 50    | 2   |    |      |                                                                                     |
|                  |                                                                                     | 100   | 1   |    |      |                                                                                     |
|                  |  | 6,2   | 4   |    |      | > 168 m<br>consultateci<br>consult us                                               |
|                  |                                                                                     | 25    | 4   |    |      |                                                                                     |
|                  |                                                                                     | 50    | 2   |    |      |                                                                                     |
| AG 33/3          |  | 8     | 3   | 33 | 24,3 | 250 m<br>max                                                                        |
|                  |                                                                                     | 35    | 3   |    |      |                                                                                     |
|                  |                                                                                     | 70    | 1,5 |    |      |                                                                                     |
|                  |  | 4     | 6   |    |      | > 250 m<br>consultateci<br>consult us                                               |
|                  |                                                                                     | 17,5  | 6   |    |      |                                                                                     |
|                  |                                                                                     | 35    | 3   |    |      |                                                                                     |

|                                      |                                                                                     |     |                  |             |              |
|--------------------------------------|-------------------------------------------------------------------------------------|-----|------------------|-------------|--------------|
| CARRELLO STANDARD - STANDARD TROLLEY |  | C2V | 0-23-46 m/min    | 1,5 - 3 HP  | 1,1 - 2,2 Kw |
| CARRELLO OPTIONAL - OPTIONAL TROLLEY |  | C3V | 0-10-30-60 m/min | 1,5 - 3 HP  | 1,1 - 2,2 Kw |
| ROTAZIONE - SLEWING                  |  | RVP | 0 ÷ 0,9 n/min    | 6,5 da Nm   | 5 Kw         |
| TRASLAZIONE - TRAVELLING             |  | TR  | 0-24 m/min       | 2 x 4 da Nm | 2 x 3,2 Kw   |

In accordo con le normative C.E.E. 87/405 riguardanti il livello acustico.  
In accordance with C.E.E. standards 87/405 for the acoustic level.



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AGENTE/DEALER



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