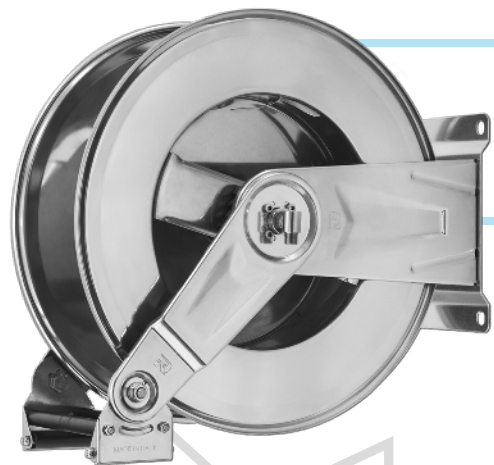




# HR1100

## WHY RAMEX HOSE REELS , PERCHÈ UN AVVOLGITUBO RAMEX

|                            |                                    |
|----------------------------|------------------------------------|
| ■ SAVE TIME                | ■ RISPARMIO DI TEMPO               |
| ■ SAVE MONEY               | ■ RISPARMIO DI DENARO              |
| ■ INCREASED SAFETY         | ■ SICUREZZA SUL LAVORO             |
| ■ LONG HOSE DURABILITY     | ■ INCREMENTA LA DURATA DEL TUBO    |
| ■ EFFICIENCY IN DAILY WORK | ■ EFFICIENZA NEL LAVORO QUOTIDIANO |
| ■ 100% MADE IN ITALY       | ■ MADE IN ITALY 100%               |

## WHERE TO USE , DOVE UTILIZZARLO



## PROPER USE , CORRETTO UTILIZZO



1



2



3



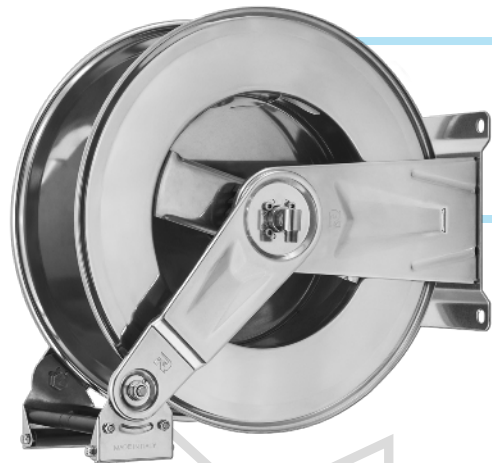
4



5



6



# HR1100

## TECHNICAL FEATURES › CARATTERISTICHE TECNICHE

### HR 1100 AISI 304

|                                                                                       |                                                                                                                              |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Admitted diameters</b><br>Diametri ammessi                                         | 1/4" - 3/8" - 1/2"                                                                                                           |
| <b>Hose lenght in meters</b><br>Lunghezza tubo                                        | Up to 65.6 ft 1/2"<br>Fino a 20 mt 1/2"                                                                                      |
| <b>Working pressure</b><br>Pressione lavoro                                           | Up to 2900 psi / Fino a 200 bar                                                                                              |
| <b>Working Temperature</b><br>Temperatura lavoro                                      | 280°F - 140°C *                                                                                                              |
| <b>Inlet thread size</b><br>Connessione Ingresso                                      | 1/2" M                                                                                                                       |
| <b>Outlet thread size</b><br>Connessione uscita                                       | 1/2" F                                                                                                                       |
| <b>Weight</b><br>Peso                                                                 | 18 kg                                                                                                                        |
| <b>Packing size</b><br>Dimensione imballo                                             | 280x600x550 mm                                                                                                               |
| <b>Raw material sides and roll</b><br>Materiali costruttivi<br>rullo e fiancate       | AISI 304                                                                                                                     |
| <b>Raw material shaft and swivel joint</b><br>Materiali costruttivi<br>perno e giunto | AISI 303                                                                                                                     |
| <b>Raw material main spring</b><br>Materiale molla principale                         | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Can be used to transfer</b><br>Adatto all'utilizzo con                             | Air Water Chemical<br>Aria Acqua Prodotti Chimici                                                                            |
| <b>Included Accessories</b><br>Accessori inclusi                                      | Hose bumper (1/4", 3/8" o 1/2")<br>and nipple (3/8" o 1/2")<br>Palla finecorsa (1/4", 3/8" o 1/2")<br>e nipplo (3/8" o 1/2") |

### HR1100 AISI 316

|                                                                                       |                                                                                                                              |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Admitted diameters</b><br>Diametri ammessi                                         | 1/4" - 3/8" - 1/2"                                                                                                           |
| <b>Hose lenght in meters</b><br>Lunghezza tubo                                        | Up to 65.6 ft 1/2"<br>Fino a 20 mt 1/2"                                                                                      |
| <b>Working pressure</b><br>Pressione lavoro                                           | Up to 2900 psi / Fino a 200 bar                                                                                              |
| <b>Working Temperature</b><br>Temperatura lavoro                                      | 280°F - 140°C *                                                                                                              |
| <b>Inlet thread size</b><br>Connessione Ingresso                                      | 1/2" M                                                                                                                       |
| <b>Outlet thread size</b><br>Connessione uscita                                       | 1/2" F                                                                                                                       |
| <b>Weight</b><br>Peso                                                                 | 18 kg                                                                                                                        |
| <b>Packing size</b><br>Dimensione imballo                                             | 280x600x550 mm                                                                                                               |
| <b>Raw material sides and roll</b><br>Materiali costruttivi<br>rullo e fiancate       | AISI 316                                                                                                                     |
| <b>Raw material shaft and swivel joint</b><br>Materiali costruttivi<br>perno e giunto | AISI 316                                                                                                                     |
| <b>Raw material main spring</b><br>Materiale molla principale                         | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Can be used to transfer</b><br>Adatto all'utilizzo con                             | Air Water Chemical<br>Aria Acqua Prodotti Chimici                                                                            |
| <b>Included Accessories</b><br>Accessori inclusi                                      | Hose bumper (1/4", 3/8" o 1/2")<br>and nipple (3/8" o 1/2")<br>Palla finecorsa (1/4", 3/8" o 1/2")<br>e nipplo (3/8" o 1/2") |

### HR1100 FE

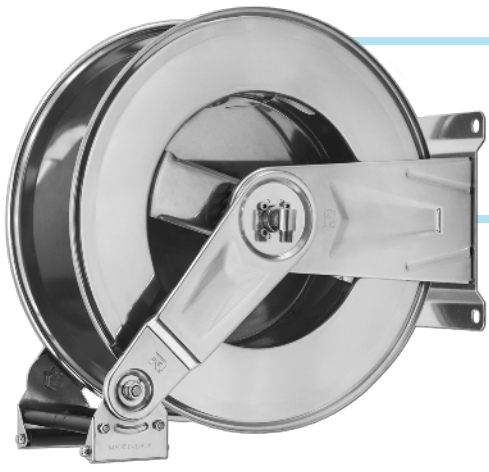
|                                                                                       |                                                                                                                              |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Admitted diameters</b><br>Diametri ammessi                                         | 1/4" - 3/8" - 1/2"                                                                                                           |
| <b>Hose lenght in meters</b><br>Lunghezza tubo                                        | Up to 65.6 ft 1/2"<br>Fino a 20 mt 1/2"                                                                                      |
| <b>Working pressure</b><br>Pressione lavoro                                           | Up to 2900 psi / Fino a 200 bar                                                                                              |
| <b>Working Temperature</b><br>Temperatura lavoro                                      | 280°F - 140°C *                                                                                                              |
| <b>Inlet thread size</b><br>Connessione Ingresso                                      | 1/2" M                                                                                                                       |
| <b>Outlet thread size</b><br>Connessione uscita                                       | 1/2" F                                                                                                                       |
| <b>Weight</b><br>Peso                                                                 | 18 kg                                                                                                                        |
| <b>Packing size</b><br>Dimensione imballo                                             | 280x600x550 mm                                                                                                               |
| <b>Raw material sides and roll</b><br>Materiali costruttivi<br>rullo e fiancate       | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Raw material shaft and swivel joint</b><br>Materiali costruttivi<br>perno e giunto | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Raw material main spring</b><br>Materiale molla principale                         | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Can be used to transfer</b><br>Adatto all'utilizzo con                             | Air Water / Aria Acqua<br>On request Oil Grease<br>Su richiesta Olio Grasso                                                  |
| <b>Included Accessories</b><br>Accessori inclusi                                      | Hose bumper (1/4", 3/8" o 1/2")<br>and nipple (3/8" o 1/2")<br>Palla finecorsa (1/4", 3/8" o 1/2")<br>e nipplo (3/8" o 1/2") |

### HR1100 CA

|                                                                                       |                                                                                                                              |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Admitted diameters</b><br>Diametri ammessi                                         | 1/4" - 3/8" - 1/2"                                                                                                           |
| <b>Hose lenght in meters</b><br>Lunghezza tubo                                        | Up to 65.6 ft 1/2"<br>Fino a 20 mt 1/2"                                                                                      |
| <b>Working pressure</b><br>Pressione lavoro                                           | Up to 2900 psi / Fino a 200 bar                                                                                              |
| <b>Working Temperature</b><br>Temperatura lavoro                                      | 280°F - 140°C *                                                                                                              |
| <b>Inlet thread size</b><br>Connessione Ingresso                                      | 1/2" M                                                                                                                       |
| <b>Outlet thread size</b><br>Connessione uscita                                       | 1/2" F                                                                                                                       |
| <b>Weight</b><br>Peso                                                                 | 18 kg                                                                                                                        |
| <b>Packing size</b><br>Dimensione imballo                                             | 280x600x550 mm                                                                                                               |
| <b>Raw material sides and roll</b><br>Materiali costruttivi<br>rullo e fiancate       | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Raw material shaft and swivel joint</b><br>Materiali costruttivi<br>perno e giunto | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Raw material main spring</b><br>Materiale molla principale                         | Carbon Steel<br>Acciaio al carbonio                                                                                          |
| <b>Can be used to transfer</b><br>Adatto all'utilizzo con                             | Air Water / Aria Acqua<br>On request Oil Grease<br>Su richiesta Olio Grasso                                                  |
| <b>Included Accessories</b><br>Accessori inclusi                                      | Hose bumper (1/4", 3/8" o 1/2")<br>and nipple (3/8" o 1/2")<br>Palla finecorsa (1/4", 3/8" o 1/2")<br>e nipplo (3/8" o 1/2") |

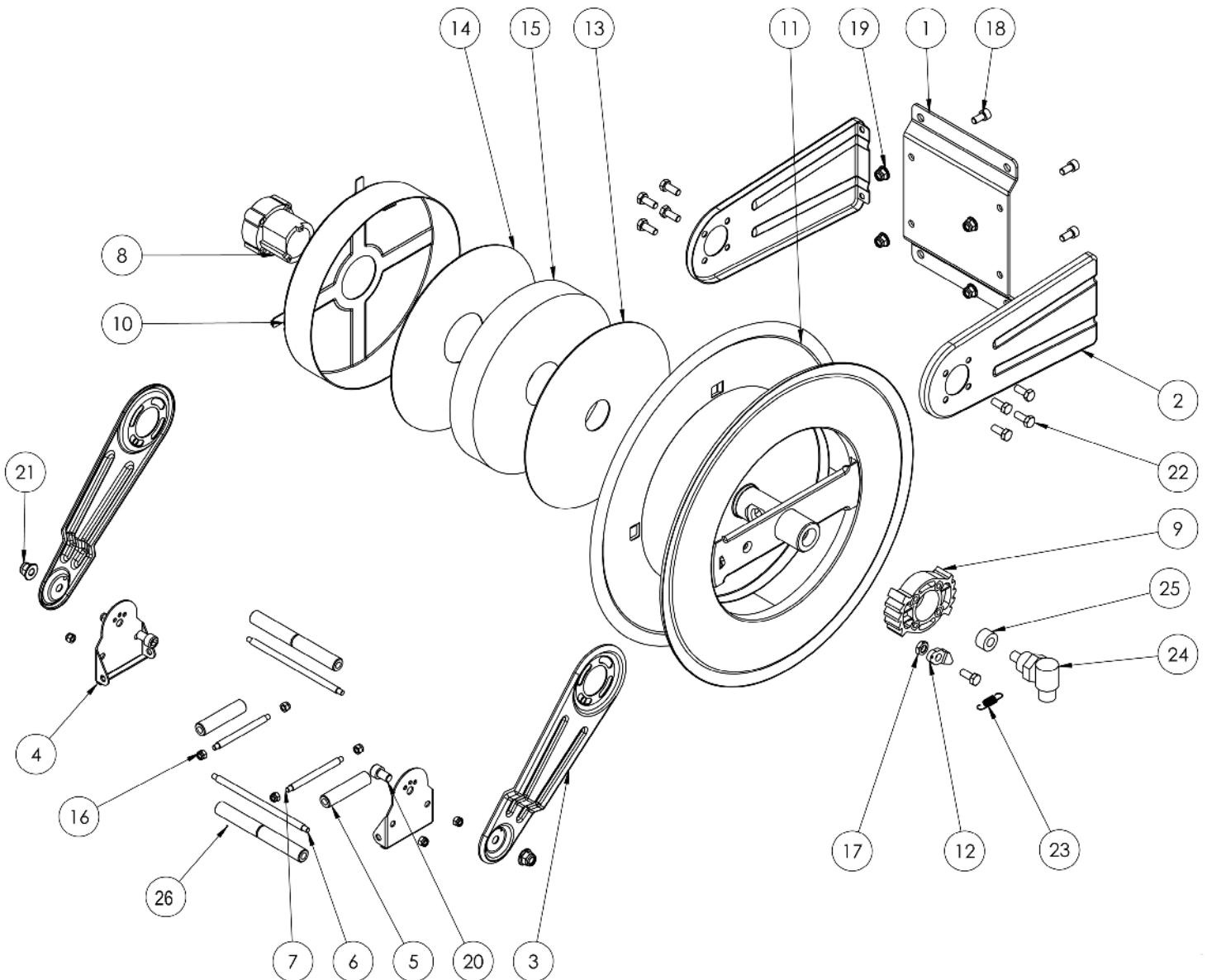
\* This product has been designed for continuous use at a water temperature of 90°C-195°F. It can resist at the max temperature of 140°C - 280°F only for a short period of time. Not suitable for use with steam. Report appropriate area «Steam».

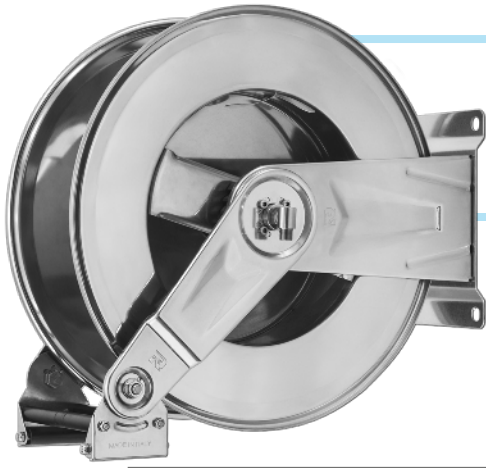
\* Il prodotto è stato progettato per un utilizzo continuo ad una temperatura dell'acqua di 90°C -195°F. Può resistere solo per brevi periodi alla temperatura massima di 140°C -280°F. Non adatto all'utilizzo con vapore. Consultare apposita area «Vapore».



# HR1100

EXPLODED VIEW › ESPLOSO

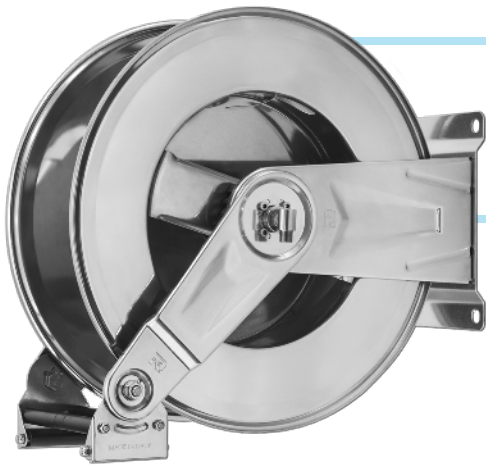




# HR1100

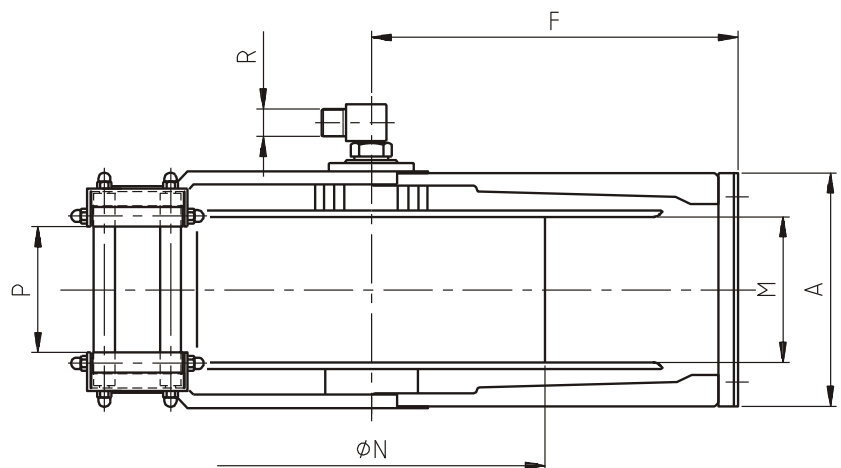
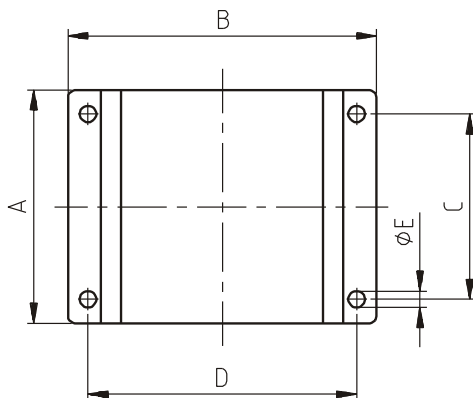
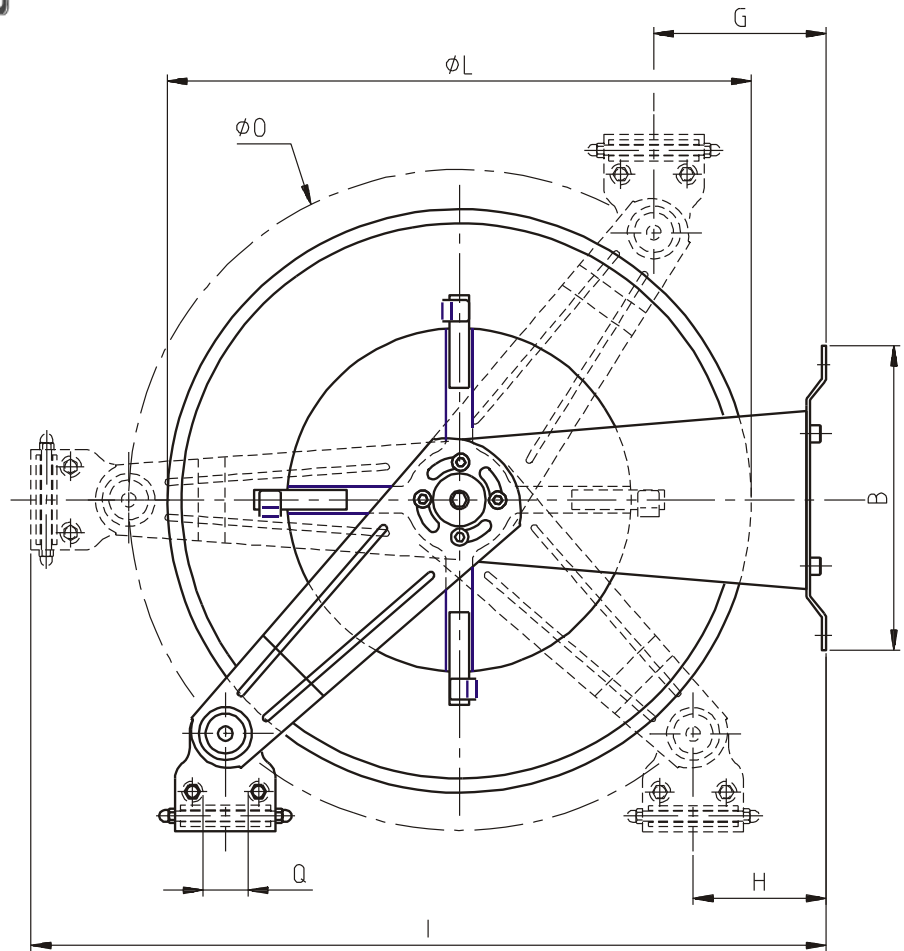
**EXPLODED VIEW › ESPLOSO**

| POS | Description and quantity / Descrizione e quantità             | HR 1100  |           | HR 1100 316 |               | HR 1100 FE CA |        |
|-----|---------------------------------------------------------------|----------|-----------|-------------|---------------|---------------|--------|
| 1   | Base (1x)                                                     |          |           |             |               |               |        |
| 2   | Side fixed arm / Fiancata fissa (2x)                          |          |           |             |               |               |        |
| 3   | Mobile arm / Fiancata mobile (2x)                             |          |           |             |               |               |        |
| 4   | Roller guide / Guida rullino (2x)                             |          |           |             |               |               |        |
| 5   | Vertical roller / Rullino verticale (2x)                      |          |           |             |               |               |        |
| 6   | Horizontal rod / Tirante orizzontale (2x)                     |          |           |             |               |               |        |
| 7   | Vertical rod / Tirante verticale (2x)                         |          |           |             |               |               |        |
| 8   | Plastic hub / Perno in plastica (1x)                          | KIT 92   |           | KIT 92 316  |               | KIT 92        |        |
| 10  | Spring case / Padellotto portamolla (1x)                      |          |           |             |               |               |        |
| 13  | Plastic separator / Distanziale in plastica (1x)              |          |           |             |               |               |        |
| 14  | Plastic separator / Distanziale in plastica (1x)              |          |           |             |               |               |        |
| 15  | Main spring / Molla principale (1x)                           |          |           |             |               |               |        |
| 9   | Plastic rack / Cremagliera in plastica (1x)                   | KIT CR 1 |           | KIT CR 1    |               | KIT CR 1      |        |
| 11  | Reel / Bobina (1x)                                            |          |           |             |               |               |        |
| 12  | Plastic ratchet / Salterello in plastica nudo (1x)            | KIT 93   | RC 10     | KIT 93 316  | RC 10         | KIT 93        | RC 10  |
| 17  | Ratchet screw + nut M10 / Vite per salterello + dado M10 (1x) |          | RC 20     |             | RC 20 316     |               | RC 20  |
| 23  | Ratchet spring / Molla per salterello (1x)                    |          | KIT 12    |             | KIT 12 316    |               | KIT 12 |
| 16  | Nut M6 / Dado M6 (8x)                                         |          |           |             |               |               |        |
| 18  | Screw M8 / Vite M8 (4x)                                       |          |           |             |               |               |        |
| 19  | Nut M8 / Dado M8 (4x)                                         |          |           |             |               |               |        |
| 20  | Screw M10 / Vite M10 (2x)                                     |          |           |             |               |               |        |
| 21  | Nut M10 / Dado M10 (2x)                                       |          |           |             |               |               |        |
| 22  | Screw M8 / Vite M8 (8x)                                       |          |           |             |               |               |        |
| 24  | Swivel joint / Giunto girevole (1x)                           | 4962     |           | 4960 1/2"   |               | 4961          |        |
| 25  | Bushing seal / Boccola tenuta (1x)                            |          | KIT10 NEW |             | KIT10 NEW 316 |               | KIT10  |
| 26  | Horizontal roller / Rullino orizzontale (2x)                  |          |           |             |               |               |        |



# HR1100

**DIMENSIONAL DRAWING › DISEGNO DIMENSIONALE**



| ART.   | A      | B      | C      | D      | E     | F      | G     | H     | I      | L      | M      | N      | O      | P      | Q     | R    |
|--------|--------|--------|--------|--------|-------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|------|
| HR1100 | 210 mm | 235 mm | 178 mm | 204 mm | 13 mm | 262 mm | 50 mm | 50 mm | 560 mm | 430 mm | 145 mm | 260 mm | 460 mm | 120 mm | 40 mm | 1/2" |





# HR1100

## INCLUDED ACCESSORIES › ACCESSORI INCLUSI

| HOSE REEL<br>AVVOLGITUBO | HOSE BUMPER<br>FERMATUBO | NIPPLE<br>NIPPLIO | SWIVEL JOINT<br>GIUNTO GIREVOLE |
|--------------------------|--------------------------|-------------------|---------------------------------|
| HR 1100                  | 4944                     | 4908              | 4962                            |
| HR 1100 316              |                          | 4908 - 316        | 4962 - 316                      |
| HR 1100 FE               |                          | 4908 - FE         | 4961 - FE                       |
| HR 1100 CA               |                          |                   |                                 |

## OPTIONAL ACCESSORIES › ACCESSORI OPTIONAL

| HOSE REEL<br>AVVOLGITUBO | HOSE BUMPER<br>FERMATUBO | GOOSENECK BEND<br>CURVA |
|--------------------------|--------------------------|-------------------------|
| HR 1100                  |                          |                         |
| HR 1100 316              |                          |                         |
| HR 1100 FE               |                          |                         |
| HR 1100 CA               |                          |                         |

| HOSE REEL<br>AVVOLGITUBO | NIPPLE<br>NIPPLIO |
|--------------------------|-------------------|
| HR 1100                  |                   |
| HR 1100 316              |                   |
| HR 1100 FE               |                   |
| HR 1100 CA               |                   |

| HOSE<br>TUBO | STANDARD FITTING<br>RACCORDO STANDARD | OPTION<br>OPZIONE |
|--------------|---------------------------------------|-------------------|
| 43 1/2"      |                                       |                   |
| 45 1/2"      |                                       |                   |
| 18 3/8"      |                                       |                   |
| 18 1/2"      |                                       |                   |
| 61 1/2"      |                                       |                   |
| 67 1/2"      |                                       |                   |