

# KF-E

TSR



Handle for practical use



Single central bar for vertical lifting with crane or winches



Professional control panel with:  
Micro-leakage alarm indicator  
- Routine maintenance alarm indicator



## LW HT

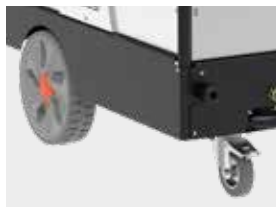
Pump with three axial pistons and brass head and hot water seals



Professional stainless steel hot water pressure regulation valve

|                                    |                |
|------------------------------------|----------------|
| BOX DIMENSION (cm)                 | 135 x 88 x 115 |
| QUANTITY FOR PALLET                | 1              |
| PALLET DIMENSION (cm)              | 135 x 88 x 115 |
| N. MACHINES CONTAINER 20'          | 17             |
| N. MACHINES CONTAINER 40' (40' HQ) | 39             |

2 Ø 300 traceless wheels + 2 pivoting with brake



Front and rear protective bumper



Detergent and anti-scale reservoir (3.5 l) with suction option from external tank



## GENERAL FEATURES

- High-efficiency electric boiler (18 - 24 - 36 kW / max 85°C)
- Low-pressure detergent suction with proportional detergent regulation
- 2 Ø 300 traceless wheels + 2 pivoting with brake
- Detergent and anti-scale reservoir (3.5L) with suction option from external tank
- Professional 4-pole motor (1400 rpm) with thermal protection
- Comet LW-HT three-piston axial plunger pump with brass head and kevlar hot water seals
- Zero exhaust emissions in the workplaces
- Professional pressure unloader valve
- 8 seconds Delayed Total Stop
- General stop when the machine is not used for a long time (20 minutes)
- Safety valve
- Heater thermal protection
- Glycerin bath pressure gauge
- Professional control panel with: Micro-leakage alarm indicator - Routine maintenance alarm indicator

## TECHNICAL FEATURES

| CODE        | MODELS     | PUMP  |  |     |    |  |     |  |      |  |  |  |  |  |  |
|-------------|------------|-------|-----------------------------------------------------------------------------------|-----|----|-----------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             |            |       | Ph                                                                                | V   | Hz | bar                                                                               | MPa | bar                                                                               | MPa  |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 36151-00001 | KF-E 18.10 | LW HT | 3                                                                                 | 400 | 50 | 180                                                                               | 18  | 30÷150                                                                            | 3÷15 | 600                                                                                | 18                                                                                  | 21                                                                                  | 60 ÷ 85                                                                             | 150                                                                                 | 110 x 75 x 103                                                                      |
| 36151-00002 | KF-E 24.10 | LW HT | 3                                                                                 | 400 | 50 | 190                                                                               | 19  | 30÷170                                                                            | 3÷17 | 600                                                                                | 24                                                                                  | 28                                                                                  | 60 ÷ 85                                                                             | 150                                                                                 | 110 x 75 x 103                                                                      |
| 36151-00003 | KF-E 24.12 | LW HT | 3                                                                                 | 400 | 50 | 180                                                                               | 18  | 30÷150                                                                            | 3÷15 | 720                                                                                | 24                                                                                  | 28                                                                                  | 60 ÷ 85                                                                             | 150                                                                                 | 110 x 75 x 103                                                                      |
| 36151-00004 | KF-E 36.12 | LW HT | 3                                                                                 | 400 | 50 | 210                                                                               | 21  | 30÷190                                                                            | 3÷19 | 720                                                                                | 2x18                                                                                | 41                                                                                  | 60 ÷ 85                                                                             | 150                                                                                 | 110 x 75 x 103                                                                      |

## STANDARD EQUIPMENT



GH 401 gun with Swivel (n.2 o-ring)

| TECHNICAL FEATURES |          |           |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|----------|-----------|-----|--------------------|-------------------|-------------|-------------|-------------|
| l/min              | IN       | OUT       | bar | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| 40                 | G 3/8" M | M22x1,5 F | 400 | <b>00080-01104</b> |                   |             |             |             |



Bent lance with detergent head, without nozzle

| TECHNICAL FEATURES |            |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|------------|-----|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | OUT        | mm  | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 1/4" NPT F | 800 | <b>10002-03592</b> |                   |             |             |             |



Fan shape nozzle

| TECHNICAL FEATURES |     |                                                                                     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-----|-------------------------------------------------------------------------------------|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | Ø   |  | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| 1/4" NPT M         | 030 | 25                                                                                  | <b>00080-01346</b> |                   |             |             |             |
| 1/4" NPT M         | 028 | 15                                                                                  | <b>00080-01380</b> |                   |             |             |             |
| 1/4" NPT M         | 045 | 25                                                                                  | <b>00080-01374</b> |                   |             |             |             |
| 1/4" NPT M         | 040 | 25                                                                                  | <b>00080-01373</b> |                   |             |             |             |



Rubber delivery hose kit

| TECHNICAL FEATURES |          |                   |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|----------|-------------------|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | OUT      | m                 | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 F - Ø14    | G 3/8" F | 10 - R1 5/16" BLU | <b>10002-03231</b> |                   |             |             |             |

## ACCESSORIES



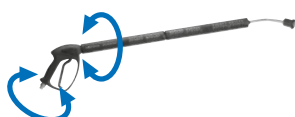
GH 281 gun with pressure regulator + Swivel

| TECHNICAL FEATURES |         |          |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|---------|----------|-----|--------------------|-------------------|-------------|-------------|-------------|
| l/min              | IN      | OUT      | bar | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| 15                 | G 3/8"M | M22x1,5F | 310 | <b>00080-01065</b> |                   |             |             |             |



GH 401 gun with fixed lance (1100mm), with detergent head, without nozzle, with Swivel

| TECHNICAL FEATURES |         |         |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|---------|---------|-----|--------------------|-------------------|-------------|-------------|-------------|
| l/min              | IN      | OUT     | bar | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| 40                 | G 3/8"M | G 1/4"F | 400 | <b>00080-01014</b> |                   |             |             |             |



GH 401 gun with revolving lance (1100mm), with detergent head, without nozzle, with Swivel

| TECHNICAL FEATURES |         |         |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|---------|---------|-----|--------------------|-------------------|-------------|-------------|-------------|
| l/min              | IN      | OUT     | bar | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| 40                 | G 3/8"M | G 1/4"F | 400 | <b>00080-01012</b> |                   |             |             |             |



Sand/Soda blasting lance kit

| TECHNICAL FEATURES |           |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-----------|-----|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | mm        | Ø   | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 300 / 500 | Ø40 | <b>10002-03401</b> |                   |             |             |             |



Drain nozzle

| TECHNICAL FEATURES |    |         |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|----|---------|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | m  | l/min   | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 25 | 10 ÷ 15 | <b>00058-00632</b> |                   |             |             |             |



Bent lance with adjustable jet

| TECHNICAL FEATURES |     |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-----|-----|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | mm  | Ø   | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 700 | Ø35 | <b>10002-03526</b> |                   |             |             |             |
| M22x1,5 M          | 700 | Ø40 | <b>10002-03528</b> |                   |             |             |             |
| M22x1,5 M          | 700 | Ø45 | <b>10002-03530</b> |                   |             |             |             |



Foam lance, with regulator (max 60°C)

| TECHNICAL FEATURES |       |    |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-------|----|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | l/min | lt | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 20    | 1  | <b>10002-03520</b> |                   |             |             |             |



Bent lance, with rotating nozzle

| TECHNICAL FEATURES |     |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-----|-----|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | mm  | Ø   | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 560 | 045 | <b>10002-03409</b> |                   |             |             |             |
| M22x1,5 M          | 560 | 030 | <b>10002-03407</b> |                   |             |             |             |
| M22x1,5 M          | 560 | 040 | <b>10002-03405</b> |                   |             |             |             |



Anti-trace BLUE rubber delivery hose extension kit

| TECHNICAL FEATURES |           |                   |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-----------|-------------------|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | OUT       | m                 | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | M22x1,5 F | 10 - R2 5/16" BLU | <b>10002-03810</b> |                   |             |             |             |
| M22x1,5 M          | M22x1,5 F | 10 - R1 5/16" BLU | <b>10002-03809</b> |                   |             |             |             |
| M22x1,5 M          | M22x1,5 F | 10 - R2 3/8" BLU  | <b>10002-03811</b> |                   |             |             |             |



Spiral suction hose kit

| TECHNICAL FEATURES |      |   |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|------|---|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | OUT  | m | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| Ø 18               | Ø 23 | 8 | <b>10002-02545</b> |                   |             |             |             |



Hose reel with rubber hose

| TECHNICAL FEATURES |    |          |                   | COMPATIBLE MODELS |             |             |             |
|--------------------|----|----------|-------------------|-------------------|-------------|-------------|-------------|
| Hose type          | m  | OUT      | CODE              | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| R2-3/8"            | 20 | G 3/8" F | <b>ON REQUEST</b> |                   |             |             |             |



Double barrel lance, without nozzles

| TECHNICAL FEATURES |             |     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-------------|-----|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | OUT         | mm  | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 2x1/4 NPT F | 700 | <b>10002-03559</b> |                   |             |             |             |



Detergent nozzle for double barrel lance

| TECHNICAL FEATURES |    |                                                                                     |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|----|-------------------------------------------------------------------------------------|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | Ø  |  | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| 1/4" NPT M         | 60 | 50                                                                                  | <b>00080-01247</b> |                   |             |             |             |



Rotating brush (max 60°C)

| TECHNICAL FEATURES |     |       |                    | COMPATIBLE MODELS |             |             |             |
|--------------------|-----|-------|--------------------|-------------------|-------------|-------------|-------------|
| IN                 | bar | l/min | CODE               | 36151-00001       | 36151-00002 | 36151-00003 | 36151-00004 |
| M22x1,5 M          | 20  | 20    | <b>00080-00924</b> |                   |             |             |             |