## Performance, life-time and ergonomics

The Gerni MH 4M is suited for all hot water slightly heavier cleaning applications up to 4-6 hours use per day and due to the improved fuel saving EcoPower boiler system it offers very high efficiency and quick cleaning.

Service and maintenance can be carried out quickly, as all vital parts are easy to inspect and reach. Also, the diagnostics function of the 4M will give maintenance warnings to minimise any downtime.

The MH 4M concept ensures the most optimal transport concept across a wide variety of surface types with the 4 large wheels and great balance. Optimal accessory storage facilities with double lance holders, turnable hook for easy removal or winding of electrical cable, innovative spray gun holder and easy storage of detergent tanks. Together with the quick service access to all vital parts, this series will provide remarkable cleaning results, saved time and reduced costs.

- EcoPower boiler with EcoMode function
- Brass pump head
- Innovative design with 4 big wheels
- Easy to transport, can even be pushed/pulled across uneven surfaces
- Flow activated unloader system
- Diesel oil tank with level sight
- As standard delivered with 10L external detergent tank (A) and space for an extra tank (B)
- Low fuel warning system
- Onboard diagnostics function
- One year commercial warranty

The Gerni MH 4M series takes mid-range hot water high pressure cleaners to a new level, meeting the latest productivity demands in the market. The Gerni MH 4M is equipped with our industrial NA5 pump with 3 ceramic pistons and a high efficiency 4 pole motor. The flow activated control system improves user comfort and handling as well as overall machine reliability.

## • Standard equipment

|                         | Included accessories  | Ref. no.  | Min.<br>required | GERNI MH<br>4M-100/720<br>FA | GERNI MH<br>4M-200/960<br>FA |
|-------------------------|-----------------------|-----------|------------------|------------------------------|------------------------------|
| Ergo System             | Coupling and Adapter  |           |                  |                              |                              |
|                         | NIPPLE                | 101119496 | 0                | •                            | •                            |
| High Pressure Hose, DN8 |                       |           |                  |                              |                              |
| <b>O</b>                | 2WIRE HOSE DN8 10M W. | 101405770 | 0                | •                            | •                            |
| Spray Gun               |                       |           |                  |                              |                              |
|                         | ERGO 2000 STANDARD W. | 106403122 | 0                | •                            | •                            |
| Universal Lance         |                       |           |                  |                              |                              |



Picture shown may not represent model quoted

## Performance, life-time and ergonomics

| Ref. no.107140331071403310714033PRODUCT FEATURESDetergent tank•••Full ceramic pistons•••Single-phase••••Three phase••••QuickService - innovative concept••••Log cessory system••••Hose reel··•••Vulk dual detergent injector•••••Parking brake••• <t< th=""><th colspan="2">Included accessories Ref.</th><th>Ref. no.</th><th>Min.<br/>required</th><th>GERNI MH<br/>4M-100/720<br/>FA</th><th>GERNI MH<br/>4M-200/960<br/>FA</th></t<>   | Included accessories Ref.    |                              | Ref. no.  | Min.<br>required | GERNI MH<br>4M-100/720<br>FA | GERNI MH<br>4M-200/960<br>FA |
|--|------------------------------|------------------------------|-----------|------------------|------------------------------|------------------------------|
| NOZZLE 0500 INDICATION       101119741       0          International Control of the second of the secon   |                              | UNIVERSAL PLUS LANCE         | 106403035 | 0                | •                            |                              |
| Image: space of the space o                  | Tornado Noz                  | zle with Indication Ring     |           |                  |                              |                              |
| Andel         CERNIMA<br>AM.200780FA         GERNIMA<br>AM.200980FA           Ref. no.         107146335         107146335           PRODUCT FEATURES         107146335         107146335           Detergent tank              •         •           Full ceramic pistons              •         •           Single-phase              •         •           Three phase              •         •           SilentPower - 1450 rpm motor              •         •           QuickService - innovative concept              •         •           Ergo accessory system              •         •         •           Hose reel              •         •         •         •           Vulk dual detergent injector              •         •         •         •           Purup oli warning system              •         •         •         •           Service indicator              •         •         •         •           Parking brake              •              •         •         •           Brass oylinder head              •              •         •         •           Polayed automatic start stop  | <b>1</b>                     | NOZZLE 0500 INDICATION       | 101119741 | 0                | •                            |                              |
| Midden4M.100/720 FA4M.200/960 FARef. no.107146935107146935PRODUCT FEATURES••Delergent tank••Full ceramic pistons••Single-phase••SilentPower - 1450 rpm motor••QuickService - innovative concept••Hose reel••Wdk dual detergent injector••Parking brake••SilentPower tatso••Purp oil warning system••Parking brake••Fuel tank••Parking brake••Fuel tank••Parking brake••Fuel tank••Delayed automatic start stop••2 x detergent injector••Muter flow regulation••Fine sensor••High pressure detergent system••Spray Gun Holder••Spray Gun Holder•  | <b>1</b>                     | TORNADO NOZZLE 0475          | 301150005 | 0                |                              | •                            |
| PRODUCT FEATURES PRODUCT FEATURES PRODUCT FEATURES Product and the set of the | Model                        | Model                        |           |                  | NI MH<br>/720 FA 41          | GERNI MH<br>M-200/960 FA     |
| Detergent tank•Full ceramic pistons•Single-phase•Three phase•Silent Power - 1450 rpm motor•Quick Service - innovative concept•Ergo accessory system•Hose reel·Wdk dual detergent injector•Pump oil warning system•Service indicator•Parking brake•Parking brake•Fuel tank•Delayed automatic start stop•2 x detergent injector•Player flow regulation•Fuel tank•Delayed automatic start stop•2 x detergent injector•High pressure detergent system•Start flow regulation•Flame sensor•High pressure detergent system•Start flow regulation•Flame sensor•Start flow regulation•Start flow regulation•Start flow regulation•Start flow regulation•Start flo   | Ref. no.                     |                              |           | 10714            | 46935                        | 107146936                    |
| Full cramic pistonsSingle-phaseThree phaseSilent Power - 1450 rpm motorQuick Service - innovative conceptErgo accessory systemHose reelWild dual detergent injectorPump oil warning systemService indicatorParking brakeFuel tankDelayd automatic start stop2 x detergent injectorWater flow regulationFile nesensorFile nesensorKile presure detergent systemStory Gun HolderStory Gun Holder <td< td=""><td colspan="6">PRODUCT FEATURES</td></td<>  | PRODUCT FEATURES             |                              |           |                  |                              |                              |
| Single-phase•Three phase•SilentPower - 1450 rpm motor•QuickService - innovative concept•QuickService - innovative concept•Ergo accessory system•Bego accessory system•Wdk dual detergent injector•Pump oil warning system•Service indicator•Parking brake•Pass cylinder head•Fuel tank•Delayed automatic start stop•2 x detergent injector•Water flow regulation•Filme sensor•High pressure detergent system•Story Gui Holder•Story Story   | Detergent tar                | nk                           |           |                  | •                            | •                            |
| Three phaseSilentPower - 1450 rpm motorQuickService - innovative conceptErg o accessory systemErg o accessory systemHose reelWick dual detergent injectorPump oil warning systemService indicatorParking brakePatking brakePolayed automatic start stopDelayed automatic start stop2 x detergent injectorWater flow regulationFilme sensorHigh pressure detergent systemStart LawStart AgeStart Start StopStart Start StopStart Row regulationSing Start AgeStart Row regulationStart Row regulationStart Start StopStart Row regulationStart Row regulation   | Full ceramic                 | pistons                      |           |                  | •                            | •                            |
| SilentPower - 1450 rpm motor•• </td <td>Single-phase</td> <td></td> <td></td> <td>•</td> <td>•</td> <td></td>  | Single-phase                 |                              |           | •                | •                            |                              |
| QuickService - innovative concept••Ergo accessory system••Hose reel••Wdk dual detergent injector••Pump oil warning system•••Service indicator•••Parking brake•••Brass cylinder head•••Fuel tank•••Delayed automatic start stop•••2 x detergent injector•••Water flow regulation•••Flame sensor•••High pressure detergent system•••Water brake tank•••Spray Gun Holder•••Spray Gun Holder•••Start Start Stop•••Start Start Start Stop•••Start Start Start Stop•••Start Start Start Stop•••Start Start Star  | Three phase                  |                              |           |                  |                              | •                            |
| Ergo accessory system••  | SilentPower -                | SilentPower - 1450 rpm motor |           |                  | •                            | •                            |
| Hose reelWdk dual detergent injector•••<   | QuickService                 | e - innovative concept       |           |                  | •                            | •                            |
| Wdk dual detergent injector••Pump oil warning system•••Service indicator••••Parking brake•••••Brass cylinder head•••   | Ergo accesso                 | ory system                   |           |                  | •                            | •                            |
| Pump oil warning system•••<  | Hose reel                    |                              |           |                  |                              |                              |
| Service indicator••• <td>Wdk dual det</td> <td>tergent injector</td> <td></td> <td>•</td> <td>•</td> <td>•</td>  | Wdk dual det                 | tergent injector             |           | •                | •                            | •                            |
| Parking brake••Brass cylinder head••Fuel tank••Delayed automatic start stop••2 x detergent injector••Water flow regulation••Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••   | Pump oil war                 | ning system                  |           | •                | •                            | •                            |
| Brass cylinder head••Fuel tank••Delayed automatic start stop••2 x detergent injector••Water flow regulation••Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••  | Service indic                | ator                         |           | •                | •                            | •                            |
| Fuel tank••Delayed automatic start stop••2 x detergent injector••Water flow regulation••Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••   |                              |                              |           |                  | •                            | •                            |
| Delayed automatic start stop••2 x detergent injector••Water flow regulation••Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••  | Brass cylinder head          |                              |           | •                | •                            | •                            |
| 2 x detergent injector••Water flow regulation••Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••  | Fuel tank                    |                              |           |                  |                              | •                            |
| Water flow regulation••Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••  | Delayed automatic start stop |                              |           |                  |                              | •                            |
| Flame sensor••High pressure detergent system••Water brake tank••Spray Gun Holder••   |                              |                              |           |                  |                              | •                            |
| High pressure detergent system••Water brake tank••Spray Gun Holder••   |                              |                              |           |                  |                              | •                            |
| Water brake tank••Spray Gun Holder••   |                              |                              |           |                  |                              | •                            |
| Spray Gun Holder • •   |                              |                              |           |                  |                              |                              |
|  |                              |                              |           |                  |                              | •                            |
| Cable Hook, turnable • •   |                              |                              |           |                  |                              |                              |

## Performance, life-time and ergonomics

| Model   | GERNI MH<br>4M-100/720 FA | GERNI MH<br>4M-200/960 FA |
|---|---------------------------|---------------------------|
| Ref. no.  | 107146935                 | 107146936                 |
| PRODUCT FEATURES                                  |                           |                           |
| Motor on-off lamp                                 | •                         | •                         |
| Transportable by forklift truck                   | •                         | •                         |
| Detergent tank 10 ltr.                            | •                         | •                         |
| Fuel tank 15 ltr.                                 | •                         | •                         |
| Fuel sight from outside                           | •                         | •                         |
| ECO-mode feature                                  | •                         | •                         |
| 2 lance holder                                    | •                         | •                         |
| Large wheel – 4 pcs.                              | •                         | •                         |
| Anti Stone  | •                         | •                         |
| Storage box                                       | •                         | •                         |
| Technical specifications                          | GERNI MH<br>4M-100/720 FA | GERNI MH<br>4M-200/960 FA |
| Pump pressure (bar/MPa)                           | 100/10                    | 200/20                    |
| Cleaning impact (kg/force)                        | 2.7                       | 5.1                       |
| Power consumption (kW)                            | 3.5                       | 7.5                       |
| Voltage/phase/frequency/current (V/~/HZ/A)        | 240/1/50/15               | 415/3/50/12               |
| Water flow Qmax/Qiec (I/h)                        | 720/660                   | 960/890                   |
| Water temperature (water/steam) (°C)              | 90/150                    | 90/150                    |
| El cable (m)                                      | 5                         | 5                         |
| Fuel consumption at $\Delta T=45^{\circ}C$ (kg/h) | 3                         | 3.9                       |
| Fuel tank (L)                                     | 15                        | 15                        |
| Detergent tank (L)                                | A: 10 B:                  | A: 10 B:                  |
| Nozzle size                                       | 0500                      | 0475                      |
| Max. inlet temperature (°C)                       | 40                        | 40                        |
| Ceramic pistons                                   | 3                         | 3                         |
| Length x width x height (mm)                      | 1010x700x1016             | 1010x700x1016             |
|   |                           |                           |

Weight (kg)

ullet Standard equipment,  $^{\bigcirc}$  Supplementary accessories,  $^{\square}$  Mountable equipment

|                                  | Accessories              | Ref. no.  | Min.<br>required | GERNI MH<br>4M-100/720<br>FA | GERNI MH<br>4M-200/960<br>FA |
|----------------------------------|--------------------------|-----------|------------------|------------------------------|------------------------------|
| Ergo System Coupling and Adapter |                          |           |                  |                              |                              |
|                                  | ERGO COUPLING FEMALE 3/8 | 106402075 | 0                | 0                            | 0                            |

138

142