

# H-100 UAP



## LEGEND

With tungsten carbide plunger

With forced lubrication

Horizontal assembling

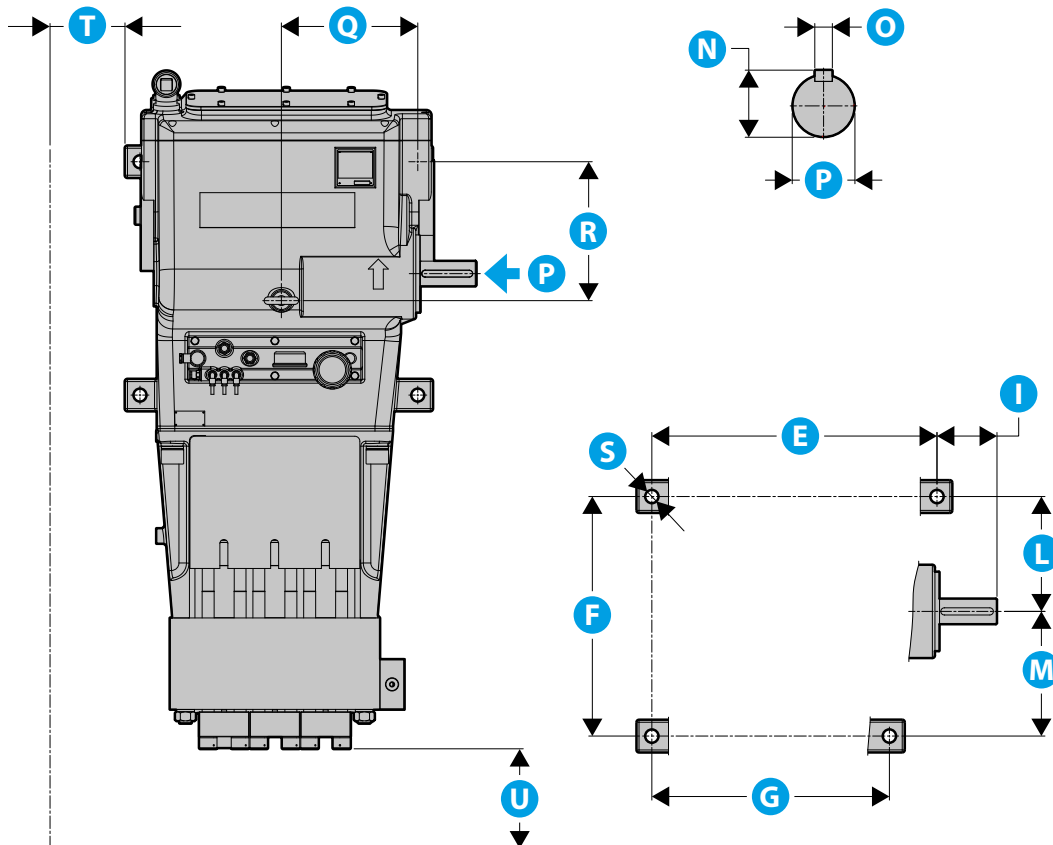
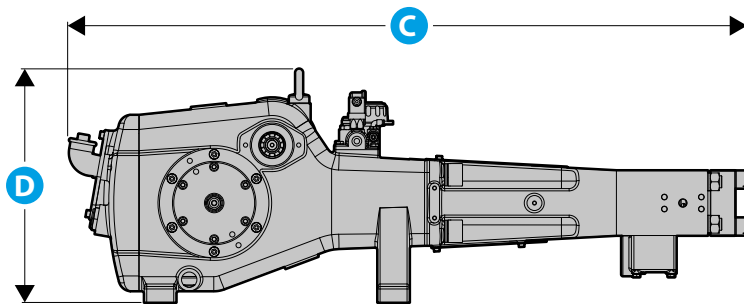
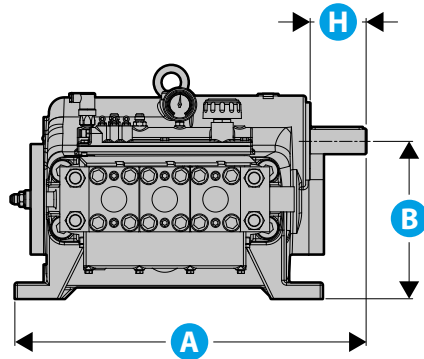
## UAP SERIES UP TO 2800 BAR

H-100 UAP

|  IV GENERATION |  | Motor Engine |  | Crankshaft |  |       |  |       |  |       |  |     |     |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|-----|-----|
| Code                                                                                              | Ø mm                                                                                | rpm          | gear ratio                                                                          | rpm        | l/min                                                                               | USgpm | bar                                                                                  | psi   | MPa                                                                                   | HP    | kW                                                                                    | kg  | lb  |
| P231153H14120                                                                                     | 12                                                                                  | 1500         | 2,9                                                                                 | 517        | 12,6                                                                                | 3,3   | 2800                                                                                 | 40600 | 280                                                                                   | 89,0  | 65,5                                                                                  | 400 | 882 |
| P231163H14120                                                                                     |                                                                                     | 1800         | 3,6                                                                                 | 502        | 12,2                                                                                | 3,2   | 2800                                                                                 | 40600 | 280                                                                                   | 86,3  | 63,5                                                                                  | 400 | 882 |
| P231153H14140                                                                                     | 14                                                                                  | 1500         | 2,9                                                                                 | 517        | 17,2                                                                                | 4,5   | 2500                                                                                 | 36250 | 250                                                                                   | 108,2 | 79,6                                                                                  | 400 | 882 |
| P231163H14140                                                                                     |                                                                                     | 1800         | 3,6                                                                                 | 502        | 16,7                                                                                | 4,4   | 2500                                                                                 | 36250 | 250                                                                                   | 104,9 | 77,2                                                                                  | 400 | 882 |
| P231153H14160                                                                                     | 16                                                                                  | 1500         | 2,9                                                                                 | 517        | 22,5                                                                                | 5,9   | 2000                                                                                 | 29000 | 200                                                                                   | 113,1 | 83,2                                                                                  | 400 | 882 |
| P231163H14160                                                                                     |                                                                                     | 1800         | 3,6                                                                                 | 502        | 21,8                                                                                | 5,8   | 2000                                                                                 | 29000 | 200                                                                                   | 109,6 | 80,6                                                                                  | 400 | 882 |
| P231153H14180                                                                                     | 18                                                                                  | 1500         | 2,9                                                                                 | 517        | 28,4                                                                                | 7,5   | 1400                                                                                 | 20300 | 140                                                                                   | 100,2 | 73,7                                                                                  | 400 | 882 |
| P231163H14180                                                                                     |                                                                                     | 1800         | 3,6                                                                                 | 502        | 27,6                                                                                | 7,3   | 1400                                                                                 | 20300 | 140                                                                                   | 97,1  | 71,4                                                                                  | 400 | 882 |
| P231153H14200                                                                                     | 20                                                                                  | 1500         | 2,9                                                                                 | 517        | 35,1                                                                                | 9,3   | 1000                                                                                 | 14500 | 100                                                                                   | 88,3  | 65,0                                                                                  | 400 | 882 |
| P231163H14200                                                                                     |                                                                                     | 1800         | 3,6                                                                                 | 502        | 34,0                                                                                | 9,0   | 1000                                                                                 | 14500 | 100                                                                                   | 85,7  | 63,0                                                                                  | 400 | 882 |

Performances refer to theoretical delivery with 100% volumetric efficiency. For continuous or heavy-duty use, contact our technical department.

## DIMENSIONS



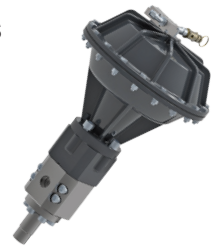
| Pump Model |      | H-100 UAP                |
|------------|------|--------------------------|
| A          | mm   | 699,5                    |
|            | (in) | (27,54)                  |
| B          | mm   | 265                      |
|            | (in) | (10,43)                  |
| C          | mm   | 1224                     |
|            | (in) | (48,19)                  |
| D          | mm   | 407,5                    |
|            | (in) | (16,04)                  |
| E          | mm   | 565                      |
|            | (in) | (22,24)                  |
| F          | mm   | 390                      |
|            | (in) | (15,35)                  |
| G          | mm   | 545                      |
|            | (in) | (21,46)                  |
| H          | mm   | 120,5                    |
|            | (in) | (4,74)                   |
| I          | mm   | 109,5                    |
|            | (in) | (4,31)                   |
| L          | mm   | 190                      |
|            | (in) | (7,48)                   |
| M          | mm   | 200                      |
|            | (in) | (7,87)                   |
| N          | mm   | 43                       |
|            | (in) | (1,69)                   |
| O          | mm   | 12<br>(DIN 6885)         |
|            | (in) | (0,47)                   |
| P          | mm   | ø 40<br>+0,018<br>+0,002 |
|            | (in) | (ø 1,57)                 |
| Q          | mm   | 272,5                    |
|            | (in) | (10,73)                  |
| R          | mm   | 231                      |
|            | (in) | (9,09)                   |
| S          | mm   | ø 26                     |
|            | (in) | (ø 1,02)                 |
| T          | mm   | 150                      |
|            | (in) | (5,91)                   |
| U          | mm   | 500                      |
|            | (in) | (19,69)                  |

## PUMP ACCESSORIES

REGULATING VALVES



PNEUMATIC CONTROL VALVES



SAFETY VALVES



PRESSURE GAUGES

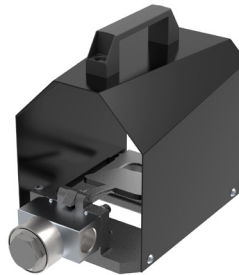


## ACCESSORIES FOR WORK

DUMP SHUT GUNS / UNDERWATER GUNS /  
PNEUMATIC GUNS



DUMP TYPE  
FOOT VALVE



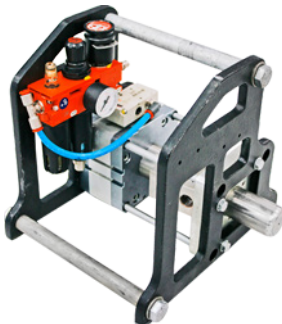
MULTI-JET

Multi-purpose surface.  
Preparation system  
for floors and hulls.  
2800 bar (40K psi).



POWER BOX

3/2" Ultra High  
Pressure control  
valve to control the  
gun's water flow  
and/or operate with  
a multi-gun system.



HIGH PRESSURE HOSES  
ULTRA HIGH PRESSURE HOSES



FLEXIBLE LANCE NOZZLES  
RIGID LANCE NOZZLES



HIGH PRESSURE  
SWIVEL FOR HOSES



ROTATING  
NOZZLES



PROTECTIVE CLOTHING  
FOR WATERJETTING (TST)



FLEXIBLE LANCES / RIGID LANCES



"TURBO" NOZZLES





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