## HAS Synchro Pumps

The system will evenly lift lower, push or pull offset loads.
Programmable to allow for variable jacking point heights.
Programmable to lift, push, pull or lower to a pre-determined height or distance.
Safe, it provides remote operation.
Data logging available to record strokes and loads of each cylinder during long periods of time, at user configured intervals.

Laptop operated systems include the possibility to record data: position and pressure of each jack during long periods of time, showing graphs of the movement, with the possibility to export the data to a spreadsheet format.

## LARZER <br> HYDRAULIC

## Technical Information

| $50-60 \mathrm{~Hz} 3$ phase |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Outlets | Tank | Flow at 700 bar | 230 V |  | 400 V |  | Power |
| No. | I | I/min | S/A | D/A | S/A | D/A | kW |
|  |  | 0,34 | HAS41762 | HAS41772 | HAS41764 | HAS41774 | 2,2 |
|  |  | "0,60" | "HAS42762" | "HAS42772" | "HAS42764" | "HAS42774" | "3,0" |
| 2 | 100 | "0,76" | "HAS43762" | "HAS43772" | "HAS43764" | "HAS43774" | "4,0" |
|  |  | "0,94" | "HAS44762" | "HAS44772" | "HAS44764" | "HAS44774" | "5,5" |
|  |  | "2,10" | "HAS45762" | "HAS45772" | "HAS45764" | "HAS45774" | "11,0" |
|  |  | "0,34" | "HAS41862" | "HAS41872" | "HAS41864" | "HAS41874" | "2,2" |
|  |  | "0,60" | "HAS42862" | "HAS42872" | "HAS42864" | "HAS42874" | "3,0" |
|  |  | "0,76" | "HAS43862" | "HAS43872" | "HAS43864" | "HAS43874" | "4,0" |
| 4 | 150 | "0,94" | "HAS44862" | "HAS44872" | "HAS44864" | "HAS44874" | "5,5" |
|  |  | "2,10" | "HAS45862" | "HAS45872" | "HAS45864" | "HAS45874" | "11,0" |
|  |  | "0,34" | "HAS61762" | "HAS61772" | "HAS61764" | "HAS61774" | "3,0" |
|  |  | "0,60" | "HAS62762" | "HAS62772" | "HAS62764" | "HAS62774" | "5,5" |
|  | 100 | "0,76" | "HAS63762" | "HAS63772" | "HAS63764" | "HAS63774" | "7,5" |
| 6 |  | "0,34" | "HAS61862" | "HAS61872" | "HAS61864" | "HAS61874" | "3,0" |
|  | 150 | "0,60" | "HAS62862" | "HAS62872" | "HAS62864" | "HAS62874" | "5,5" |
|  | 150 | "0,76" | "HAS63862" | "HAS63872" | "HAS63864" | "HAS63874" | "7,5" |
| 8 | 0 | "0,60" | "HAS82862" | "HAS82872" | "HAS82864" | "HAS82874" | "7,5" |
| 8 | 150 | "0,94*" | "HAS84862" | "HAS84872" | "HAS84864" | "HAS84874" | "7,5" |

## INDUSTRY LEADERS IN CONTROLLED BOLTING SOLUTIONS

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