

SURFACE  
PRESSURE

# Range DUO

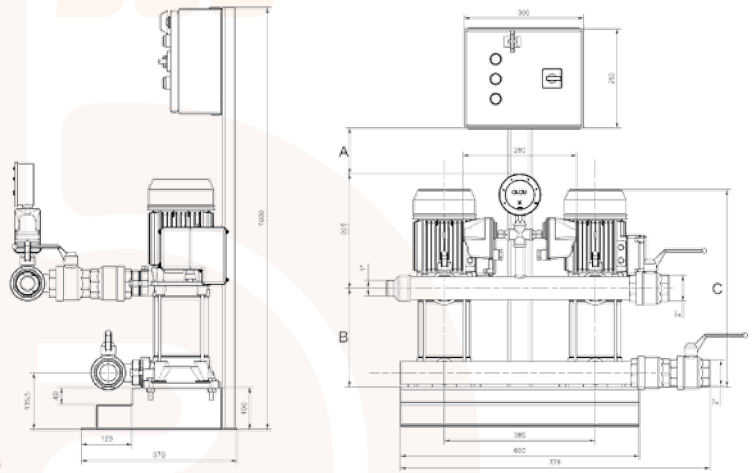
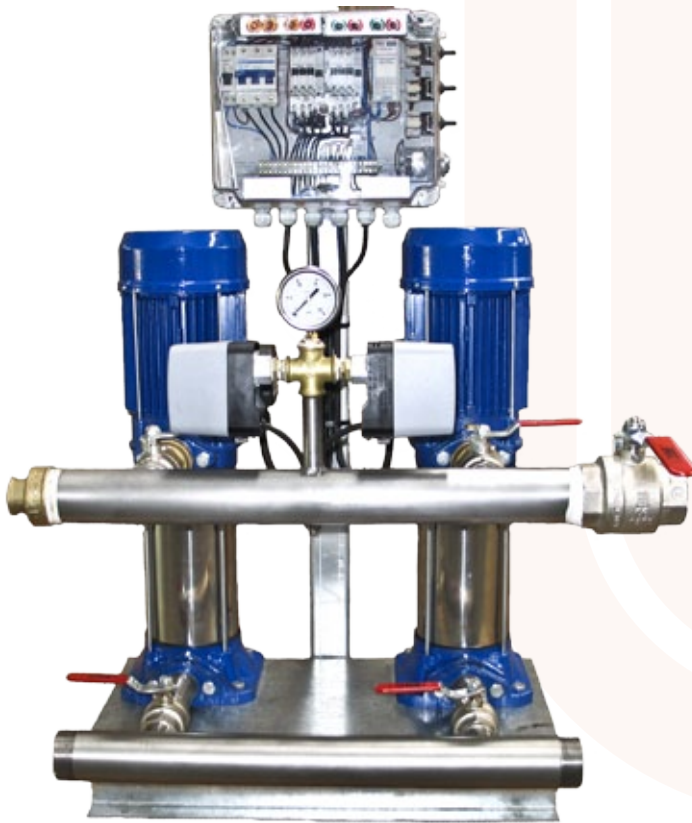
Pressure  
group

The booster sets DUO CMV and DUO CMH consist of two identical pumps CMH or CMV in parallel on a common chassis with a control panel and motor protection. The enslavement of the pumps is provided by a pressure switch. Each set DUO is assembled, tested and preset at the factory. The booster must be used with a pressure tank.

Each booster contains, in addition to the two pumps and chassis:

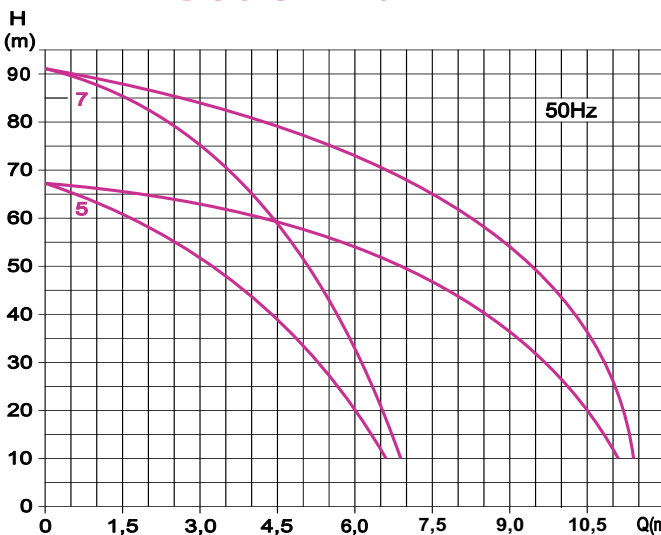
- collector stainless steel discharge (suction as supplement)
- valves and brass valves
- Stainless steel pressure gauge in glycerine bath
- a pressure pump
- Galvanized steel frame and bracket
- an electrical control and protection

■ 10 bars

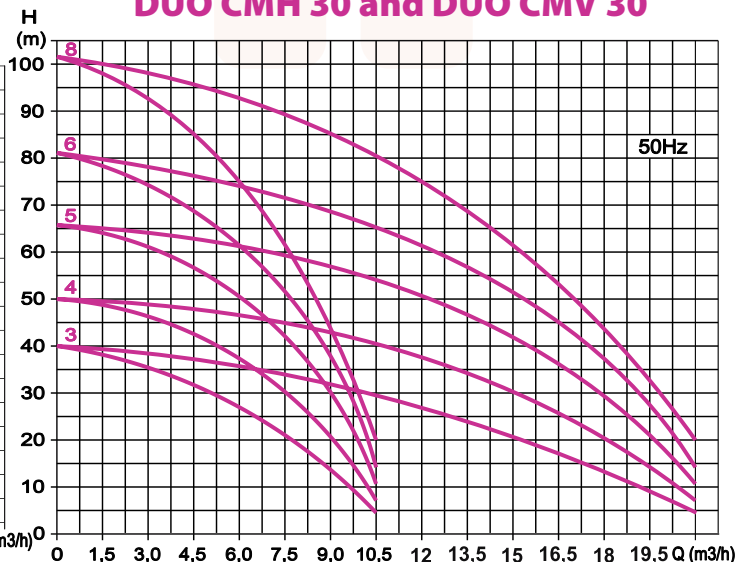


| Type        | Dimensions (mm) |     |     | Weight<br>Kg |
|-------------|-----------------|-----|-----|--------------|
|             | A               | B   | C   |              |
| DUO CMV20-5 | 215             | 219 | 495 | 81           |
| DUO CMV20-7 | 165             | 258 | 545 | 86           |
| DUO CMV30-3 | 254             | 210 | 456 | 81           |
| DUO CMV30-4 | 226             | 238 | 484 | 83           |
| DUO CMV30-5 | 198             | 266 | 512 | 87           |
| DUO CMV30-6 | 170             | 294 | 540 | 88           |
| DUO CMV30-8 | 80              | 345 | 630 | 95           |

DUO CMV 20



DUO CMH 30 and DUO CMV 30



## APPLICATIONS :

Aduction water, irrigation, water treatment, industrial

Maximum operating pressure: 10 bar - Maximum temperature of liquid: 35° C

## CONSTRUCTION

**PUMP :** Pump body and pusher in cast iron, stainless steel exterior shell and impeller, shaft AISI 420. Noryl diffuser with glass fiber

Mechanical seal (graphite-aluminum), SIC / SIC DIN 24960 on request

**MOTOR :** Asynchronous single-phase 230 V 50 Hz or three phase 400 V 50 Hz

Protection IP44, Class F - Capacitor permanently on in single phase

**CHASSIS :** Frame, boom-box and chassis galvanized steel

Suction and discharge manifolds AISI 420

SURFACE  
PRESSURE

**DUO CMH**  
**DUO CMV**

Pressure  
group

## Horizontal or vertical pumps

DUO



### Group with 2 horizontal multistage pumps type CMH

| Type                | Tension<br>V   | Power   |         | Motor |    | Connection<br>DN | H (max)<br>m | Debit (max)<br>m³/h | Code            |
|---------------------|----------------|---------|---------|-------|----|------------------|--------------|---------------------|-----------------|
|                     |                | kW      | CV      | A     | µF |                  |              |                     |                 |
| <b>DUO CMH 30-4</b> | <b>1 x 230</b> | 2 x 1,1 | 2 x 1,5 | 18,0  | 35 | 1" ¼             | 49           | 21                  | <b>01950856</b> |
| <b>DUO CMH 30-5</b> |                | 2 x 1,5 | 2 x 2,0 | 23,6  | 40 | 1" ¼             | 65           | 21                  | <b>01950858</b> |

|                     |                |          |         |      |   |      |      |    |                 |
|---------------------|----------------|----------|---------|------|---|------|------|----|-----------------|
| <b>DUO CMH 30-4</b> | <b>3 x 400</b> | 2 x 1,1  | 2 x 1,5 | 7,0  | - | 1" ¼ | 49   | 21 | <b>01950857</b> |
| <b>DUO CMH 30-5</b> |                | 2 x 1,85 | 2 x 2,5 | 8,4  | - | 1" ¼ | 65   | 21 | <b>01950859</b> |
| <b>DUO CMH 30-6</b> |                | 2 x 2,2  | 2 x 3,0 | 10,0 | - | 1" ¼ | 79,5 | 21 | <b>01950860</b> |

### Group with two vertical multistage pumps type CMV



| Type                | Tension<br>V   | Power   |         | Motor |    | Connection<br>DN | H (max)<br>m | Debit (max)<br>m³/h | Code            |
|---------------------|----------------|---------|---------|-------|----|------------------|--------------|---------------------|-----------------|
|                     |                | kW      | CV      | A     | µF |                  |              |                     |                 |
| <b>DUO CMV 20-5</b> | <b>1 x 230</b> | 2 x 1,2 | 2 x 1,6 | 13,0  | 20 | 1" ¼             | 63           | 11,4                | <b>01950861</b> |
| <b>DUO CMV 20-7</b> |                | 2 x 1,5 | 2 x 2,0 | 16,4  | 25 | 1" ¼             | 82           | 11,4                | <b>01950863</b> |

|                     |                |         |         |     |   |      |    |      |                 |
|---------------------|----------------|---------|---------|-----|---|------|----|------|-----------------|
| <b>DUO CMV 20-5</b> | <b>3 x 400</b> | 2 x 1,2 | 2 x 1,6 | 4,6 | - | 1" ¼ | 63 | 11,4 | <b>01950862</b> |
| <b>DUO CMV 20-7</b> |                | 2 x 1,5 | 2 x 2,0 | 6,7 | - | 1" ¼ | 82 | 11,4 | <b>01950864</b> |

| Type                | Tension<br>V   | Power   |         | Motor |    | Connection<br>DN | H (max)<br>m | Debit (max)<br>m³/h | Code            |
|---------------------|----------------|---------|---------|-------|----|------------------|--------------|---------------------|-----------------|
|                     |                | kW      | CV      | A     | µF |                  |              |                     |                 |
| <b>DUO CMV 30-3</b> | <b>1 x 230</b> | 2 x 0,9 | 2 x 1,2 | 12,4  | 25 | 1" ¼             | 49           | 21                  | <b>01950865</b> |
| <b>DUO CMV 30-4</b> |                | 2 x 1,1 | 2 x 1,5 | 17,8  | 35 | 1" ¼             | 65           | 21                  | <b>01950919</b> |

|                     |                |          |         |      |   |      |     |    |                 |
|---------------------|----------------|----------|---------|------|---|------|-----|----|-----------------|
| <b>DUO CMV 30-3</b> | <b>3 x 400</b> | 2 x 1,1  | 2 x 1,5 | 7,4  | - | 1" ¼ | 39  | 21 | <b>01950866</b> |
| <b>DUO CMV 30-4</b> |                | 2 x 1,1  | 2 x 1,5 | 7,8  | - | 1" ¼ | 49  | 21 | <b>01950920</b> |
| <b>DUO CMV 30-5</b> |                | 2 x 1,85 | 2 x 2,5 | 9,2  | - | 1" ¼ | 65  | 21 | <b>01950867</b> |
| <b>DUO CMV 30-6</b> |                | 2 x 2,2  | 2 x 3,0 | 10,0 | - | 1" ¼ | 80  | 21 | <b>01950918</b> |
| <b>DUO CMV 30-8</b> |                | 2 x 3,0  | 2 x 4,0 | 12,0 | - | 1" ¼ | 108 | 21 | <b>01950868</b> |

SURFACE  
PRESSURE

**Gammes**

**TRI**

**Pressure  
group**

The booster sets TRI CMV and TRI CMH consist of two identical pumps CMH or CMV in parallel on a common chassis with a control panel and motor protection. The enslavement of the pumps is provided by a pressure switch. Each set TRI is assembled, tested and preset at the factory. The booster must be used with a pressure tank.

Each booster contains, in addition to the two pumps and chassis:

- collector stainless steel discharge (suction as supplement)
- valves and brass valves
- Stainless steel pressure gauge in glycerine bath
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**APPLICATIONS :**

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Mechanical seal (graphite-aluminum), SIC / SIC DIN 24960 on request

**MOTOR :** Asynchronous single-phase 230 V 50 Hz or three phase 400 V 50 Hz  
Protection IP44, Class F - Capacitor permanently on in single phase

**CHASSIS :** Frame, boom-box and chassis galvanized steel  
Suction and discharge manifolds AISI 304

The configuration of the TRI CMH or TRI CMV will be calculated on an individual basis as required by the installation.

