

Sistem de golire matrite**VID-O®**

INFO

S3640/ 1T_{max.}: 80 °C

Nr. / No.
S3640/ 1

Mould Purging System**VID-O®**

INFO



Sistemul de golire matrite tip **VID-O®** este proiectat pentru evacuarea apei din instrumentele de productie cum ar fi matritele de injectie si matritele de suflare.

In general, inainte ca o matrita sa fie deconectata de la sistemul de racire si demontata de pe masina este necesara eliminarea apei din circuitele de racire. Cu aceasta unitate **S3640/ 1** aceasta operatiune se face intr-un mod curat, rapid si sigur.

Avantajele sistemului VID-O®:

Prin utilizarea sistemului de golire matrite **VID-O®** matritele pot fi demontate de pe masina complet golite de apa.

Principalele avantaje sunt:

- Zonele de productie si masinile sunt intotdeauna curate.
- Conditile de lucru sunt mult mai sigure (podea mai putin alunecos, risc mai mic de accidentare atunci cand debransati un circuit de apa calda).
- Nu exista riscuri de deteriorare a cavitatilor.
- Timpul de schimbare a matritelor pot fi reduce. Nu este necesar sa se raceasca matrita inainte de deconectarea furtunurilor.
- Nu ramane apa in matrita in timpul depozitarii, nu apar depuneri de calcar, nu se oxideaza, nu se corodeaza.
- Nu ramane apa in matrita in timpul operatiunii de intretinere

The **VID-O®** Mould Purging System is a unit designed for draining the water out of production tools such as injection- or blow moulds.

Generally before a mould is disconnected from the cooling system and removed from the machine, it is necessary to preliminary drain the water out of the circuits. With this unit **S3640/ 1** this operation is done in a cleaner, quicker and safer way.

Advantages of the VID-O® system:

Using the **VID-O®** Mould Purging System moulds can be removed from the machine completely drained of any water.

The main advantages are:

- Production areas and machines are always clean.
- Working conditions are much safer (floor less slippery, less risk of injury when disconnecting a hot water circuit).
- No risk of damage to the cavities.
- Mould changing time can be reduced. It is not necessary to cool down the mould temperature before disconnecting the hoses.
- No water remain in the moulds during storage, no limestone deposit, no oxidation, no corrosion.
- No water remain in the moulds during maintenance operation.

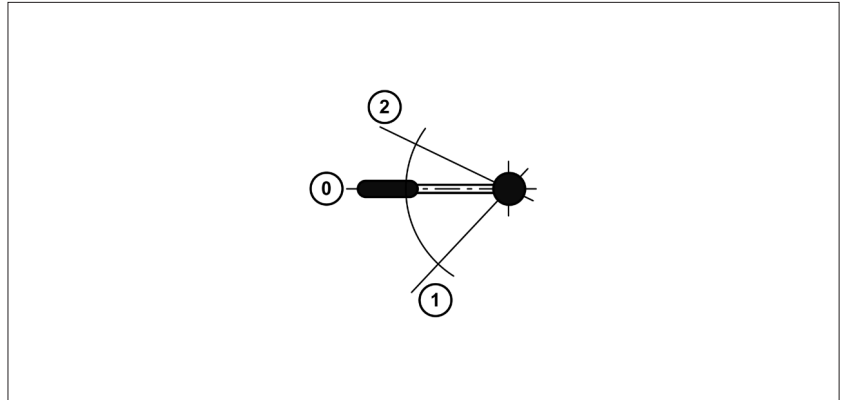
Sistem de golire matrite VID-O®

INFO

S3640/ 1

Mould Purging System VID-O®

INFO



Cele trei functii al sistemului de golire a matritelor S3640/ 1 sunt operate de maner:

The three function of the Mould purging system S3640/ 1 are operated by the handle:

Pozitia 0: Neutru – fara circulatie

Toate valvele sunt inchise >> **Matrita este gata sa fie demontata de pe masina in conditii de siguranta.**

Position 0: Neutral – No circulation

All valves are closed >> **The mould is ready to be removed from the machine under safe conditions.**

Pozitia 1: Pozitia normala a unitatii in timpul productiei – apa circula prin matrita

- Valvele S1 si S3 sunt deschise
- Valvele S2 si S4 sunt inchise

Apa curge de la conducta principala sau de la regulatorul de temperatura a matritei si este indreptata catre matrita prin valva S1. Apa de retur de la matrita circula inapoi in sistemul de racire sau in regulatorul de temperatura prin valva S2.

Position 1: Normal position of unit during production – water circulates through the mould

- Valves S1 and S3 are open
- Valves S2 and S4 are closed

Water is flowing from the main or from the mould temperature controller is directed to the mould via valve S1. Water returning from the mould is circulating back into the cooling system or temperature controller via valve S2.

Pozitia 2: Operatiunea de golire a matritei >> circulatia aerului in matrita

- Valvele S1 si S3 sunt inchise
- Valvele S2 si S4 deschise

Valva S3 este deschisa permitand intrarea aerului in sistem in scopul de a evacua apa din matrita. Apa si aerul sunt evacuate din sistem prin valva S4 intr-un recipient dedicat (iesire separata).

Position 2: Mould purge operation >> Air circulates through the mould

- Valves S1 and S3 are closed
- Valves S2 and S4 are open

Valve S3 is open allowing air to enter the system in order to discharge water out of the mould. Water and air are drained out of the system through valve S4 into a dedicated drain or a container (separate outlet).

Principala conducta de apa si circuitele de aer comprimat sunt protejate de valvele de retinere!

Main's water and compressed air circuits are protected by non-return valves.

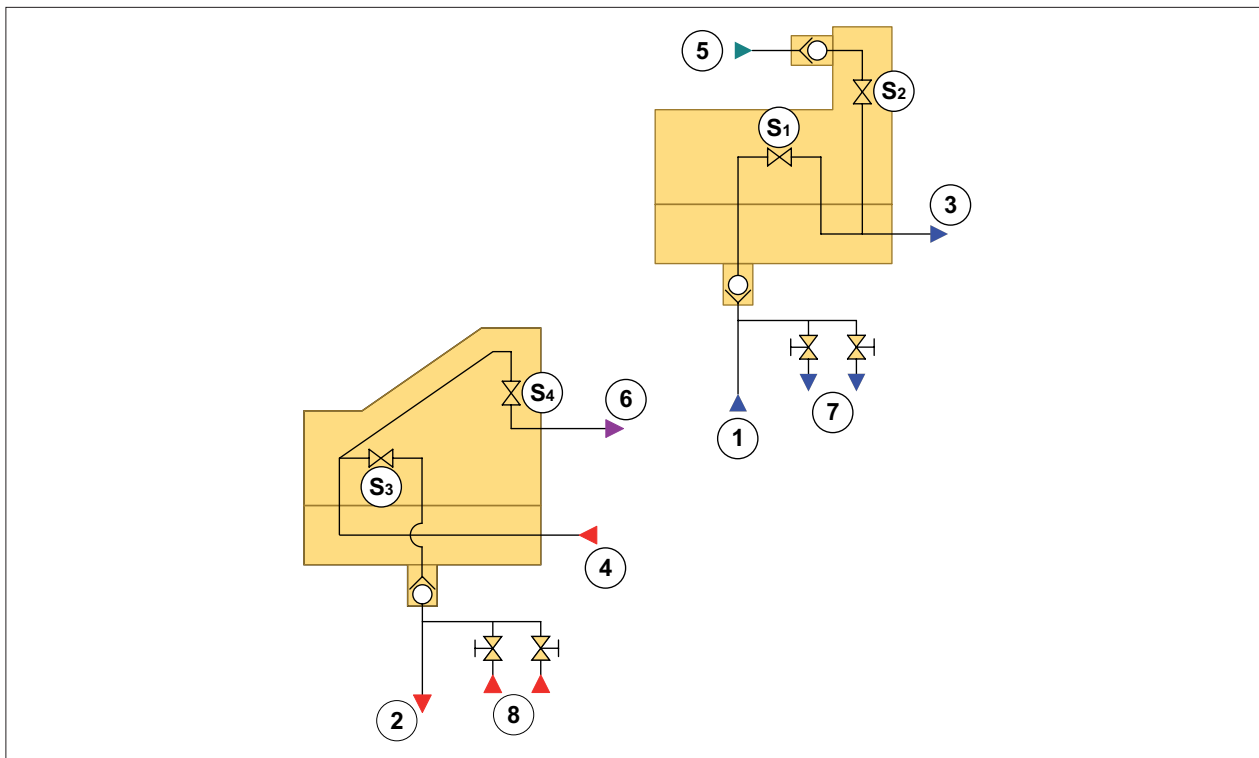
Sistem de golire matrite
VID-O®

INFO

S3540/ 1

Mould Purging System
VID-O®

INFO



Specificatii tehnice Technical specifications	Conectarea-Ø Supply-Ø
① Conducta de apa principala Main Water Supply	G1"
② Conducta de retur a apei Main Water Return	G1"
③ Intrarea in matrita To PROCESS (mould)	Ø25 mm sau G1" Ø25 mm or G1"
④ Iesirea din matrita From PROCESS (mould)	Ø25 mm sau G1" Ø25 mm or G1"
⑤ Conductor aer comprimat Compressed Air Supply	G3/8"
⑥ Evacuare Drain (Purge Outlet)	G3/8"
⑦ Iesiri auxiliare *) Outlets to ancillaries *)	2 x G3/8"
⑧ Retur de la auxiliare *) Return from ancillaries *)	2 x G3/8"
*) Caracteristici optionale	*) Optional features