

Coolant Unit

DGS SYSTEM GMBH TBF 1300



Sorry the machine has been sold already!

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|----------------------|--------------------|
| stock-no.: | 1400408 |
| type of machine: | Coolant Unit |
| make: | DGS SYSTEM GMBH |
| type: | TBF 1300 |
| year of manufacture: | 2001 |
| type of control: | other |
| country of origin: | Germany |
| storage location: | |
| delivery time: | immediately |
| freight basis: | EXW, free on truck |
| price: | on request |



technical details

| | |
|----------------------------|--------------------|
| liter capacity: | - l |
| filtration performance: | 1200 l/min |
| electrical: | 3x400V/50Hz |
| control: | SPS S7-313 |
| tank capacity: | 7000 l |
| container volume: | 9 m³ |
| total power requirement: | 34 kw |
| weight of the machine ca.: | 2800 kg |
| dimensions L x W x H: | 4,4 x 2,0 x 3,01 m |

additional information

Deep bed filtration system

Filtration of coolants for up to three machining centers

Control PLC with Operator Panel OP 7 Simatic

Medium 4% water - oil emulsion

machine consists of:

- deep bed filter type TBF 1300; filter size area 1,55m², fleece width 1300mm, Filtering principle = slotted screen with fleece, tank size L: 1018 x W: 1310xH: 500mm

- cooling device type TRK 70 EK; Cooling capacity 7600 watts; Ambient temperature max. + 37 ° C; Refrigerant R 407C; Temperature media flow + 10 ° to + 25 ° C; Cooling via tube bundle in the cooling chamber

- high pressure pump type EMTEC 140 R39 DQ W 110111 / Allweiler; Flow rate 160 l / min at 30 bar

- filter pump Type NZ65-20 / 2-11 / Schmalenberger; Capacity 1300 l / min at 3.7 bar; Medium = clean coolant from the TBF 1300

- backwash filters Type 6.61-100-10GG-KSS / Boll & Kirch Filterbau; Content 38 liters per flush; Medium = emulsion-post-cleaning-ultrapure KSS; Filter Material = filter cartridges

appliance: plant is fully automatic or manual mode

To be cleaned coolant fluid must be pumped into the vertical deep bed filter. About the fleece and swarf sieve of clean coolant gets into the other system components.

In the plant can be additional pumps installed.

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