Coolant Unit
DGS SYSTEM GMBH TBF 1300

stock-no.:	1400406
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:	Leipzig 4
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:	41 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:
- deeb 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
- 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

applaction: 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.