

Handout

Inventar-Nr.: Inventory no.:	10016730	Bosch Werk: Bosch plant:	City / Country: Jucu, Romania ME-Division Bosch Cluj Plant CljP
Maschinen-Kategorie: Machine category:	Washing machine with ultrasounds		
Hersteller: Manufacturer:	Green Technologies		
Typ: Type:	GTM-31		
Baujahr: Year of manufacturing:	2021	Betriebsstd.: Operating hours:	24/7
Serien-Nr.: Serial no.:	6T72606452		
Software & Steuerung: Software & control unit:	-		
Betriebszustand: Operating condition:	Ready for production		
Erhaltungszustand: Condition:	Good (used) / Ready for use New / as new / rebuilt (used) / very good (used) / good (used) / ready for use (used) / unchecked (used) / defect or for cannibalize (used)		
Zubehör: Accessories:	Base plate		



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Anzahl Achsen: Working area:	Auxiliary production space		
Arbeitsraum: Working area:	Auxiliary production space		
Drehzahlbereich Werkstückspindel RPM range workpiece spindle :	Generator power (W) (0-P): 3000 (6000 p- p)		
Max. Werkstück Durchmesser/-Länge: Max. workpiece diameter/length:	Washing capacity dimensions: 950 x 450 x 350 mm; 200 liters;		
Mess-System: Measurement system:	Machine dimensions: 1000 x 500 x 500 mm;		
Automatisierung: automation:	Internal automatisisation		
Sonstiges: Others:	-		

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1.0 CARACTERISTICI TEHNICE

Model	DIMENSIUNI INTERNE			CAPACITATI DE SPALARE (dimensiuni cos)					PUTERI ELECTRICE	
	Lungime (mm)	Latime (mm)	Inaltime (mm)	Lungime (mm)	Latime (mm)	Inaltime (mm)	Volum (l)	Sarcina max (kg)	Generator US (W) (0-P)	Rezist incalz (W)
GTM										
GTM 31	1000	500	500	950	450	350	200	-	3.000 (6000 P-P)	6000

Conexiuni:

Alimentare electrica	400V 3p+N+P	32A
Alimentare aer comprimat	1/2" M	4-6 bari
Alimentare apa	1" M	-
Golire	1 1/2" M	-

Generator US	3xWT1500, GreenTechnologies Frecventa: 40.000Hz
Transductori	Piezoelectrics de inalta eficienta, Pozitionare pe peretele frontal Fixare mecanica si lipire cu rasina epoxy
Pompe	Grundfoss pentru filtrare si skimmer
Filtrare	Filtru PE 1-5-10µm, lavabil
Izolatie	K-Flex 20mm, izolatie termica totala

2.0 FUNCTIONARE

Masina functioneaza in regim AUTOMAT fiind comandata de un PLC cu afisaj LCD si comanda touchscreen.

Funcțiile masinii:

- Panou touchscreen 7" intuitiv
- Frecventa generator 40 kHz/28kHz
- Functie baleiere frecventa ±1kHz, SWEEP X3
- Configurare independenta pentru fiecare functie
- Ultrasonete: continuu sau temporizat
- Filtrare: continuu sau temporizat
- Skimmer ulei: continuu sau temporizat
- Programare functie incalzire
 - Temperatura 0-80°C
 - Autoprotectie la supraincalzire (declansare la 84°C)
- Skimmer lateral pentru separare ulei
- Cuva auxiliara pentru colectare ulei
- Sistem de filtrare 1-10µm cu recirculare
- Senzor de nivel lichid
- Capac izolat termic
- Cos pentru piese
- Pistol de aer integrat

3.0 DESCRIEREA MASINII

Comanda	Panou de comanda LCD touchscreen 7" PLC Delta Electromecanica Hyundai
Constructie	Cuva spalare din AISI 316L (2,5mm) Panourile AISI 304L (1mm) Structura AISI 304 40x40x2 mm Gamituri EPDM Suporti antivibratii reglabili, inox-poliester Cos AISI 304 pentru uscarea pieselor