



# CEPROM<sup>®</sup> S.A.

PRODUCT CERTIFICATION  
BODY

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## CERTIFICATE OF CONFORMITY

No. 3352-CI-32024

Technical File No. 3352-CI-32024/MD-ZJZG240316

**Applicant:**

**ZHEJIANG ZHIGAO  
MACHINERY CO., LTD.**

No. 15 Bailing North Avenue Qujiang Economic  
Development Zone, Quzhou City, Zhejiang Province,  
P.R. China.

**Manufacturer:**

**ZHEJIANG ZHIGAO  
MACHINERY CO., LTD.**

No. 15 Bailing North Avenue Qujiang Economic  
Development Zone, Quzhou City, Zhejiang Province,  
P.R. China.

**Description of product:**

Product: **DIESEL PORTABLE SCREW AIR COMPRESSOR**

Models: **See Annex**

**Reference standards:** EN ISO 12100:2010, EN 60204-1:2018, EN 1012-1:2010

Based on our assessment we confirm that the product is in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the

**Machinery Directive 2006/42/EC**

The manufacturer shall affix the CE marking to each product that is in conformity with those described in this Certificate of conformity, after completion of the EU Declaration of Conformity and in accordance with the above directives.

The manufacturer must ensure the assessment of conformity with internal controls on the manufacture of the above product, in accordance with Annex VIII of 2006/42/EC Directive.

The assessment activity for the product described in this Certificate of Conformity was carried out in compliance with Scheme 1a, cf. EN ISO/IEC 17067:2013 with Assessment Report and doesn't belong in the scope of the notification under harmonised European Union product legislation.

This Certificate of Conformity was issued on voluntary basis of manufacturer and is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

**Annex: Product identification – 6 pages**

**Issuing Date:** 27.03.2024

**Expiry Date:** 28.03.2029



EUROPEAN UNION  
Satu Mare, Romania

**GENERAL MANAGER**

eng. Cristian SOPONOS

**CEPROM-CERT Manager**

eng. Vasile ZELE



E.S.

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ANNEX  
to the Certificate of Conformity no. 3352-CI-32024

## PRODUCT IDENTIFICATION

The Product:

### **DIESEL PORTABLE SCREW AIR COMPRESSOR**

\*models:

198SCYT-20(III), 40SCY-7(II), 40SCY-7(III), 40SCY-7(IV), 60SCY-7(II), 60SCY-7(III), 60SCY-7(IV), 95SCY-7(III), 95SCY-10(III), 110SCY-10S(III), 110SCY-10S(IV), 110SCYT-18(III), 110SCYT-18(IV), 141SCY-12-15(III), 141SCY-12-15(IV), 141SCY-12-15B(III), 141SCY-12-15B(IV), 145SCYT-12-18(III), 145SCYT-12-18(IV), 146SCTY-12-18(III), 146SCTY-12-18(IV), 153SCYT-15-18(II), 153SCYT-15-18(III), 153SCYT-15-18(IV), 153SCY-18(II), 153SCY-18(III), 153SCY-18(IV), 162SCYT-18(III), 162SCYT-18(IV), 162SCYT-15-18(III), 162SCYT-15-18(IV), 186SCYT-18(II), 186SCYT-18(III), 186SCYT-18(IV), 190SCYT-15-18(II), 190SCYT-15-18(III), 190SCYT-15-18(IV), 198SCYT-20(II), 198SCYT-20(IV), 198SCYT-20S(II), 198SCYT-20S(III), 198SCYT-20S(IV), 200SCYT-18-22(II), 200SCYT-18-22(III), 200SCYT-18-22(IV), 200SCYT-18-22B(II), 200SCYT-18-22B(III), 200SCYT-18-22B(IV), 226SCYT-18-22(III), 265SCYT-18-22(II), 265SCYT-18-22(III), 298SCYT-24(II), 298SCYT-24(III), 298SCYT-24(IV), 300SCYT-18-25(II), 300SCYT-18-25(III), 300SCYT-18-25(IV), 310SCYT-18-25(II), 310SCYT-18-25(III), 310SCYT-18-25(IV), 410SCYT-31-34(III), 500SCYT-25-34(III), 500SCYT-18-25(III), ZCY570/12550/15(III), ZCY570/12550/15(IV), ZCYT18/1820/14(III), ZCYT18/1820/14(IV), ZCYT20/1924/15(II), ZCYT20/1924/15(III), ZCYT20/1924/15(IV), ZCYT18/2222/17(II), ZCYT18/2222/17(III), ZCYT18/2222/17(IV), SPD175S-7(II), SPD175S-8(III), SPD425S-7(II), SPD500S-7(II), SPD500S-12-15(III), SPD510D-15-18(II), SPD510D-15-18(III), SPD670D-18-22(II), SPD670D-18-22(III), SPD750D-18-22(II), SPD750D-18-22(III), SPD880D-8(II), SPD880D-8(III), SPD1000D-31-34(III), SPD1400D-25-34(III), SPD1590D-18-25(III), SPD1600D-25-34(III), SPD1800D-18-25(III)

\*manufactured by:

**ZHEJIANG ZHIGAO MACHINERY CO.,LTD.**

\*headquarters address:

No. 15 Bailing North Avenue Qujiang Economic Development Zone, Quzhou City, Zhejiang Province, P.R. China.

\*place of manufacture:

No. 15 Bailing North Avenue Qujiang Economic Development Zone, Quzhou City, Zhejiang Province, P.R. China.

\*domain of use:

This machine is used to provide a reliable source of compressed air for various applications.

\*Technical File content:

- General description of the machinery;
- Specification with the constructive and functional characteristics;
- General drawing and drawings of the control circuits;
- The list of standards used;
- Assessment Report;
- Test Report;
- EC declaration of conformity of the components incorporated into the machinery;
- Instruction manual;
- EC Declaration of conformity

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**PRODUCT IDENTIFICATION**

**The Product: DIESEL PORTABLE SCREW AIR COMPRESSOR**

\*constructive and functional characteristics:

<i>Model</i>	<i>M.U.</i>	<i>198SCYT-20</i>	<i>40SCY-7</i>		
<i>Emission control stage</i>	-	<i>III</i>	<i>II</i>	<i>III</i>	<i>IV</i>
<i>F. A. D.</i>	<i>m<sup>3</sup>/min</i>	<i>20</i>	<i>4.5</i>	<i>4.5</i>	<i>4.5</i>
<i>Nominal working pressure</i>	<i>bar</i>	<i>20</i>	<i>7</i>	<i>7</i>	<i>7</i>
<i>Oil content</i>	<i>ppm</i>	<i>≤5</i>	<i>≤5</i>	<i>≤5</i>	<i>≤5</i>
<i>Rated Power</i>	<i>kW</i>	<i>191</i>	<i>41</i>	<i>36.8</i>	<i>36.8</i>
<i>Drive mode</i>	-	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>
<i>Transportation dimension</i>	<i>mm</i>	<i>3900x1910x2420</i>	<i>2400x1330x1550</i>	<i>2400x1330x1550</i>	<i>2400x1330x1550</i>
<i>Weight</i>	<i>kg</i>	<i>3700</i>	<i>860</i>	<i>860</i>	<i>860</i>

<i>Model</i>	<i>M.U.</i>	<i>60SCY-7</i>			<i>95SCY-7</i>	<i>95SCY-10</i>
<i>Emission control stage</i>	-	<i>II</i>	<i>III</i>	<i>IV</i>	<i>III</i>	<i>III</i>
<i>F. A. D.</i>	<i>m<sup>3</sup>/min</i>	<i>9</i>	<i>9</i>	<i>9</i>	<i>12</i>	<i>10.5</i>
<i>Nominal working pressure</i>	<i>bar</i>	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>	<i>10</i>
<i>Oil content</i>	<i>ppm</i>	<i>≤5</i>	<i>≤5</i>	<i>≤5</i>	<i>≤5</i>	<i>≤5</i>
<i>Rated Power</i>	<i>kW</i>	<i>53</i>	<i>59</i>	<i>55</i>	<i>88</i>	<i>88</i>
<i>Drive mode</i>	-	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>
<i>Transportation dimension</i>	<i>mm</i>	<i>2700x1600x1700</i>	<i>2700x1600x1700</i>	<i>2700x1600x1700</i>	<i>3550x2100x2170</i>	<i>3550x2100x2170</i>
<i>Weight</i>	<i>kg</i>	<i>1200</i>	<i>1200</i>	<i>1200</i>	<i>1900</i>	<i>1900</i>

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**ANNEX**

to the Certificate of Conformity no. 3352-CI-32024

**PRODUCT IDENTIFICATION****The Product: DIESEL PORTABLE SCREW AIR COMPRESSOR**

\*constructive and functional characteristics:

Model	M.U.	110SCY-10S		110SCYT-18		141SCY-12-15	
		III	IV	III	IV	III	IV
Emission control stage	-	III	IV	III	IV	III	IV
F. A. D.	m <sup>3</sup> /min	12.5	12.5	12	12	15~18	15~18
Nominal working pressure	bar	10	10	18	18	15~12	15~12
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	118	118	118	118	140	140
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3000x1610x2200	3000x1610x2350	3800x2100x2160	3800x2100x2300	3250x1610x2200	3250x1610x2470
Weight	kg	2300	2350	2300	2350	2520	2590

Model	M.U.	141SCY-12-15B		145SCYT-12-18		146SCTY-12-18	
		III	IV	III	IV	III	IV
Emission control stage	-	III	IV	III	IV	III	IV
F. A. D.	m <sup>3</sup> /min	15~18	15~18	15~17	15~17	15~17	15~17
Nominal working pressure	bar	15~12	15~12	18~12	18~12	18~12	18~12
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	142	140	140	140	140	140
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3250x1610x2200	3250x1610x2470	3600x1750x2290	3345x1750x2460	3450x1750x2290	3450x1750x2460
Weight	kg	2520	2590	2850	2980	2950	3080

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### PRODUCT IDENTIFICATION

**The Product:                    **DIESEL PORTABLE SCREW AIR COMPRESSOR****

\*constructive and functional characteristics:

Model	M.U.	153SCYT-15-18			153SCY-18		
		II	III	IV	II	III	IV
Emission control stage	-	II	III	IV	II	III	IV
F. A. D.	m <sup>3</sup> /min	17~20	17~20	17~20	17~20	17~20	17~20
Nominal working pressure	bar	18~15	18~15	18~15	18~15	18~15	18~15
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	153	157	154	153	157	154
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3450x1750x2290	3450x1750x2290	3450x1750x2460	3450x1750x2290	3450x1750x2290	3450x1750x2460
Weight	kg	3050	3050	3220	2900	2900	3070

Model	M.U.	162SCYT-18		162SCYT-15-18	
		III	IV	III	IV
Emission control stage	-	III	IV	III	IV
F. A. D.	m <sup>3</sup> /min	17	17	17~20	17~20
Nominal working pressure	bar	18	18	18~15	18~15
Oil content	ppm	≤5	≤5	≤5	≤5
Rated Power	kW	162	162	162	162
Drive mode	-	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3600x1750x2290	3345x1750x2460	3450x1750x2290	3450x1750x2460
Weight	kg	3250	3250	3200	3370

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### PRODUCT IDENTIFICATION

**The Product:                    **DIESEL PORTABLE SCREW AIR COMPRESSOR****

\*constructive and functional characteristics:

Model	M.U.	186SCYT-18			190SCYT-15-18		
		II	III	IV	II	III	IV
Emission control stage	-	II	III	IV	II	III	IV
F. A. D.	m <sup>3</sup> /min	19	19	19	20~23	20~23	20~23
Nominal working pressure	bar	18	18	18	18~15	18~15	18~15
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	191	191	191	191	191	191
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3900x1910x2420	3900x1910x2420	3900x1910x2520	3600x1910x2420	3600x1910x2420	3600x1910x2520
Weight	kg	3550	3550	3700	3920	3920	4070

Model	M.U.	198SCYT-20		198SCYT-20S		
		II	IV	II	III	IV
Emission control stage	-	II	IV	II	III	IV
F. A. D.	m <sup>3</sup> /min	20	20	20	20	20
Nominal working pressure	bar	20	20	20	20	20
Oil content	ppm	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	191	191	191	191	191
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	4500x2200x2350	4500x2200x2450	3900x1910x2420	3900x1910x2420	3900x1910x2520
Weight	kg	3190	3250	3600	3600	3750

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**PRODUCT IDENTIFICATION**

**The Product:*****DIESEL PORTABLE SCREW AIR COMPRESSOR***

\*constructive and functional characteristics:

<i>Model</i>	<i>M.U.</i>	<i>200SCYT-18-22</i>			<i>200SCYT-18-22B</i>		
<i>Emission control stage</i>	-	<i>II</i>	<i>III</i>	<i>IV</i>	<i>II</i>	<i>III</i>	<i>IV</i>
<i>F. A. D.</i>	<i>m<sup>3</sup>/min</i>	20~22	20~22	20~22	20~22	20~22	20~22
<i>Nominal working pressure</i>	<i>bar</i>	22~18	22~18	22~18	22~18	22~18	22~18
<i>Oil content</i>	<i>ppm</i>	≤5	≤5	≤5	≤5	≤5	≤5
<i>Rated Power</i>	<i>kW</i>	191	191	191	194	194	194
<i>Drive mode</i>	-	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>
<i>Transportation dimension</i>	<i>mm</i>	3600x1910x2420	3600x1910x2420	3600x1910x2520	3600x1910x2420	3600x1910x2420	3600x1910x2520
<i>Weight</i>	<i>kg</i>	3950	3950	3950	3900	3950	4100

<i>Model</i>	<i>M.U.</i>	<i>226SCYT-18-22</i>	<i>265SCYT-18-22</i>		<i>298SCYT-24</i>		
<i>Emission control stage</i>	-	<i>III</i>	<i>II</i>	<i>III</i>	<i>II</i>	<i>III</i>	<i>IV</i>
<i>F. A. D.</i>	<i>m<sup>3</sup>/min</i>	20~24	24~26	24~26	29	29	29
<i>Nominal working pressure</i>	<i>bar</i>	22~18	22~18	22~18	24	24	24
<i>Oil content</i>	<i>ppm</i>	≤5	≤5	≤5	≤5	≤5	≤5
<i>Rated Power</i>	<i>kW</i>	221	264	264	295	295	294
<i>Drive mode</i>	-	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>	<i>Coupling</i>
<i>Transportation dimension</i>	<i>mm</i>	3600x1910x2520	4180x2080x2510	4180x2080x2510	4180x2080x2510	4180x2080x2510	4180x2080x2995
<i>Weight</i>	<i>kg</i>	3870	4600	4600	4800	4800	4800

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*eng. Vasile ZELE*



### PRODUCT IDENTIFICATION

**The Product: DIESEL PORTABLE SCREW AIR COMPRESSOR**

\*constructive and functional characteristics:

Model	M.U.	300SCYT-18-25			310SCYT-18-25		
		II	III	IV	II	III	IV
Emission control stage	-	II	III	IV	II	III	IV
F. A. D.	m <sup>3</sup> /min	26~31	26~31	26~31	27~33	27~33	27~33
Nominal working pressure	bar	25~18	25~18	25~18	25~18	25~18	25~18
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	295	295	295	309	309	309
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	4180x2080x2510	4180x2080x2510	4180x2080x2995	4180x2080x2510	4180x2080x2510	4180x2080x2995
Weight	kg	5100	5100	5100	5300	5300	5300

Model	M.U.	410SCYT-31-34	500SCYT-25-34	500SCYT-18-25	ZCY570/12 550/15	
		III	III	III	III	IV
Emission control stage	-	III	III	III	III	IV
F. A. D.	m <sup>3</sup> /min	32~36	34~41	42~47	15~18	15~18
Nominal working pressure	bar	34~31	34~25	25~18	15~12	15~12
Oil content	ppm	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	410	563	563	563	563
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	4600x2150x2950	5100x2230x2950	5100x2230x2950	3250x1610x2200	3250x1610x2470
Weight	kg	6600	8500	9000	2520	2590

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## PRODUCT IDENTIFICATION

The Product: **DIESEL PORTABLE SCREW AIR COMPRESSOR**

\*constructive and functional characteristics:

Model	M.U.	ZCYT18/18 20/14		ZCYT20/19 24/15		
		III	IV	II	III	IV
Emission control stage	-	III	IV	II	III	IV
F. A. D.	m <sup>3</sup> /min	18~20	18~20	20~24	20~24	20~24
Nominal working pressure	bar	18~14	18~14	19~15	19~15	19~15
Oil content	ppm	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	162	162	191	191	191
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3600x1750x2290	3600x1750x2460	3900x1910x2420	3900x1910x2420	3900x1910x2520
Weight	kg	3250	3400	3750	3750	3900

Model	M.U.	ZCYT18/22 22/17			SPD175S-7	SPD175S-8	SPD425S-7
		II	III	IV			
Emission control stage	-	II	III	IV	II	III	II
F. A. D.	m <sup>3</sup> /min	18~22	18~22	18~22	5	5	12
Nominal working pressure	bar	22~17	22~17	22~17	7	8	7
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	191	191	191	41	44.7	93
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3900x1910x2420	3900x1910x2420	3900x1910x2520	2400x1330x1550	2400x1350x1610	3550x2100x2170
Weight	kg	3750	3750	3900	860	860	1900

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eng. Vasile ZELE



### PRODUCT IDENTIFICATION

**The Product:                    *DIESEL PORTABLE SCREW AIR COMPRESSOR***

\*constructive and functional characteristics:

Model	M.U.	SPD500S-7	SPD500S-12-15	SPD510D-15-18		SPD670D-18-22	
Emission control stage	-	II	III	II	III	II	III
F.A.D	m <sup>3</sup> /min	14.5	12~14	12.5~15	12.5~15	15~17	15~17
Nominal working pressure	bar	7	15~12	18~15	18~15	22~18	22~18
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	132	142	153	157	194	194
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	3250x1610x2200	3250x1610x2200	3450x1750x2290	3450x1750x2290	3600x1910x2420	3600x1910x2420
Weight	kg	2280	2520	3050	3050	3900	3950

Model	M.U.	SPD750D-18-22		SPD880D-8		SPD1000D-31-34	SPD1400D-25-34
Emission control stage	-	II	III	II	III	III	III
F.A.D	m <sup>3</sup> /min	19~22	19~22	25	25	27~29	34~41
Nominal working pressure	bar	22~18	22~18	8	8	34~31	34~25
Oil content	ppm	≤5	≤5	≤5	≤5	≤5	≤5
Rated Power	kW	264	264	194	194	410	563
Drive mode	-	Coupling	Coupling	Coupling	Coupling	Coupling	Coupling
Transportation dimension	mm	4180x2080x2510	4180x2080x2510	3900x1910x2420	3900x1910x2420	4600x2150x2950	5100x2230x2950
Weight	kg	4600	4600	3770	3820	6600	8500

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**PRODUCT IDENTIFICATION**

The Product: **DIESEL PORTABLE SCREW AIR COMPRESSOR**

\*constructive and functional characteristics:

Model	M.U.	SPD1590D-18-25	SPD1600D-25-34	SPD1800D-18-25
Emission control stage	-	III	III	III
F. A. D.	m <sup>3</sup> /min	42~47	40~47	45~52
Nominal working pressure	bar	25~18	34~25	25~18
Oil content	ppm	≤5	≤5	≤5
Rated Power	kW	563	565	565
Drive mode	-	Coupling	Coupling	Coupling
Transportation dimension	mm	5100x2230x2950	5100x2230x2950	5100x2230x2950
Weight	kg	9000	9100	9100

CEPROM-CERT Manager  
eng. Vasile ZELE

