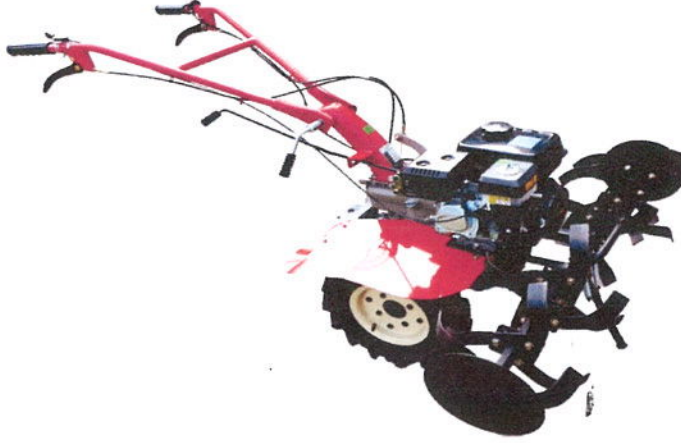


THIS REPORT IS VALID UPTO 30.09.2028



**CHAMP, PTG500 POWER WEEDER**



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय  
Ministry of Agriculture and Farmers Welfare

कृषि एवं किसान कल्याण विभाग

Department of Agriculture and Farmers Welfare

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आं. प्र.)

Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in/>

E-mail: [fmti-sr@nic.in](mailto:fmti-sr@nic.in)

Tele. 08551-286441

Machine- 524/1556	CHAMP, PTG500 POWER WEEDER	COMMERCIAL
	THIS REPORT IS VALID UPTO 30.09.2028	

Manufacturer : M/s. Champ Energy Ventures Pvt. Ltd. Plot. No.-7, Gat no. -399/1/2/3/B, Village Bhare, Tal.- Mulshi, Dist.- Pune ,Pin - 412115 Maharashtra .

Applicant : M/s. Champ Energy Ventures Pvt. Ltd. Plot. No.-7, Gat no. -399/1/2/3/B, Village Bhare, Tal.- Mulshi, Dist.- Pune ,Pin - 412115 Maharashtra .

### CHAMP, PTG500 POWER WEEDER

Report No. : Machine-524/1556

Month: October

Year: 2023



सत्यमेव जयते

**Government of India**  
**Ministry of Agriculture and Farmers Welfare**  
**Department of Agriculture and Farmers Welfare**  
**Southern Region Farm Machinery Training and Testing Institute**  
**Tractor Nagar, Garladinne-515 731, District: Anantapur (A.P.)**  
**[An ISO 9001:2015 CERTIFIED INSTITUTE]**

Telephone: 08551-286441

Website: <http://srfmtti.dacnet.nic.in/>

E-mail: [fmti-sr@nic.in](mailto:fmti-sr@nic.in)

Machine- 524/1556	CHAMP, PTG500 POWER WEEDER	COMMERCIAL
	THIS REPORT IS VALID UPTO 30.09.2028	

Type of test : INITIAL COMMERCIAL TEST

Period of test : 07.08.2023 to 13.10.2023

Test Report No. : Machine-524/1556

Month / Year of release : October, 2023

- i) The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- ii) The results presented in this report do not in any way attribute to the durability of the machine.
- iii) This Test Report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training & Testing Institute, Garladinne, Anantapur (A.P.).
- iv) This is a report on Commercial Test of Power Weeder named " **CHAMP, PTG500 POWER WEEDER** ". **This report is valid up to 30.09.2028 , Vide Ministry's O.M. No. 13-24/2018-M&T (I&P) dated 19.09.2018.**

#### SELECTED CONVERSIONS

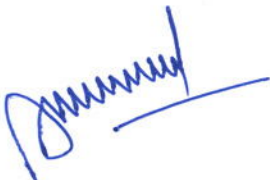


S. No.	Units	Conversion Factor
<b>1</b>	<b>Force</b>	
	1 kgf	9.80665 N
		2.20462 lbf
<b>2</b>	<b>Power</b>	
	1 hp	1.01387 metric hp (Ps)
		745.7 W
	1 Ps	735.5 W
	1 kW	1.35962 Ps
<b>3</b>	<b>Pressure</b>	
	1 psi	6.895 kPa
	1 kgf/cm <sup>2</sup>	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm <sup>2</sup>
	1 mm of Hg	1.3332 m-bar

Machine- 524/1556	CHAMP, PTG500 POWER WEEDER	COMMERCIAL
	THIS REPORT IS VALID UPTO 30.09.2028	

### 18. APPLICANTS COMMENTS

Reference No.	Comments
17.2	We will take this up for corrective action.
17.3	We will take this up for corrective action.
17.4	We will take this up for corrective action.
17.5	We will modify the nameplate as per recommendation
17.6	We will revise the manuals and bring them out in Hindi and local language

### TESTING AUTHORITY

 <b>Er. PRAMOD YADAV</b> AGRICULTURAL ENGINEER	 <b>Er. D.C. MOULI</b> AGRICULTURAL ENGINEER
 <b>Dr. B.M. NANDEDE</b> DIRECTOR	

