

OWNER'S MANUAL

RD-805JE

IMPORTANT: Read these instructions before installing, operating or servicing this product.

MODEL: PT-100 / PT-200 POSITIONERS

Serial Number : 20080703002 ~ and later

Revised Date : July. 03, 2008

UNITED PROARC CORPORATION

No. 3 Gungye 10th Road, Pingjen Industrial Park,
Pingjen City, Taoyuan 324, Taiwan
<http://www.proarc.com.tw>

Tel No: 886 3 4696600
Fax No: 886 3 4694499
E-Mail: customerservice@proarc.com.tw

TABLE OF CONTENTS

Introduction	Introduction	i
	Limited warranty.....	ii
Features and0 Specification	1.1 General information.....	1
Parts List	2.1 Main frame	2
Revisions	Revisions	4

INTRODUCTION



WARNING

A procedure, which if not properly followed, may cause injury to the operator or others in the operating area.

Equipment Identification

The identification number (specification or part number), model, and serial number of this unit usually appear on a nameplate attached to the control panel; record these numbers for future reference.

Receipt of Equipment

When you receive the equipment, check it against the shipping documents. Make sure it is complete and inspect the equipment for possible damage during shipping. If there is any damage, notify the carrier immediately to file a claim.

Furnish complete information concerning damage claims or mistake(s) in shipment to United ProArc Corporation: No. 3 Gungye10th Road, Pingjen Industrial Park, Pingjen City, Taoyuan 324, Taiwan. Include the equipment identification number along with a description of the parts in question.

Move the equipment to the installation site before uncrating the unit. Use care to avoid damaging the equipment when using bars, hammers, etc. to uncrate the unit.



WARNING

Falling machine due to lifting device failure may cause death or injury.

- * Lifting device may fail when overloaded.
- * Avoid sudden jerks, drops or swinging.
- * Check lifting device components visually for looseness and signs of metal fatigue.
- * Before changing any hardware, check grade and size of bolts, and replace with bolts of equal or higher size and grade. Additional copies of this manual may be purchased by contacting United ProArc Corporation.
- * Before operating, be sure to adjust correct input voltage.

LIMITED WARRANTY

UNITED PROARC CORPORATION warrants all new equipment to be free from defects in material and workmanship for a period of one (1) year, provided that the equipment is installed and operated according to instructions stated in this manual.

UNITED PROARC's obligation under this warranty policy is expressly limited to the replace or repair, at its option, of the defected part only. ProArc's option to repair or replacement of a defected part under this warranty shall be based on FOB Taiwan basis.

UNITED PROARC CORPORATION shall not be liable for any loss or consequential damage or express accruing directly or indirectly from the use of equipment covered by this warranty.

This warranty supersedes all previous ProArc warranties and is exclusive with no other guarantees or warranties expressed or implied.

This warranty excludes the consumable parts that are used in normal operation.

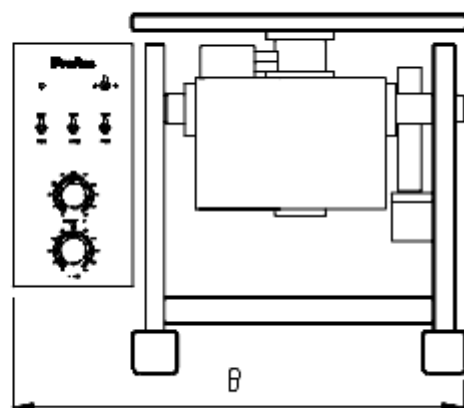
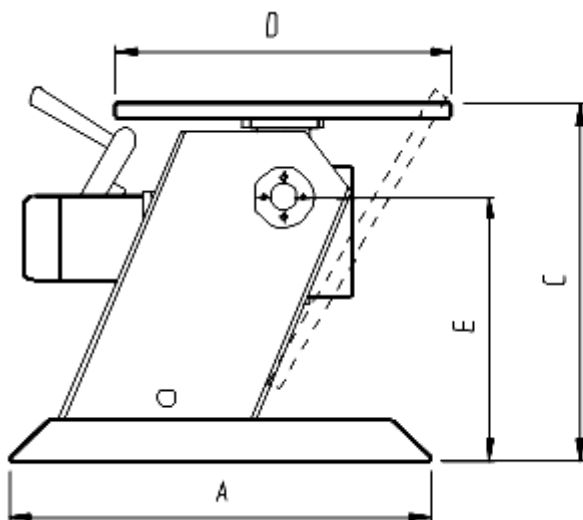
1 GENERAL INFORMATION

Features

1. The DC drive P.C. board protected against high-frequency.
2. Table tilt from 0~120(for the convenience of welding).
3. Spindle has a (38.5mm through hole to suit pipe working or gas purge application).
4. 8 slots turning table, quick mounting for various grippers and fixture.
5. Weld timer control (for adjusting the weld period).
6. Integrated with E.Z. Arc system and will help you in production high quality circumference welds.

Specification

MODEL	UNIT	PT-100A	PT-100B	PT-200A	PT-200B
POWER INPUT	~	1 PHASE 110/220V 50/60Hz			
CAPACITY(HORIZONTAL/ VERTICAL)	kg	100/60		200/130	
RATED CENTRE OF GRAVITY	mm	-			
RATED ECCENTRICITY	mm	28/110		22/85	
TABLE DIMENSION (D)	mm	320			
ROTATION SPEED	rpm	1-15	0.2-4	1-15	0.2-4
SPINDLE THRU HOLE	mm	38.5			
EARTHING	Amp	200			
TILT RANGE	deg.	0-120			
WELDING TIMER	sec.	0-60			
OVERALL LENGTH (A)	mm	420			
OVERALL WIDTH (B)	mm	435			
OVERALL HEIGHT (C)	mm	340			
CENTER TO FLOOR(E)	mm	250			
WEIGHT	kg	34		36	



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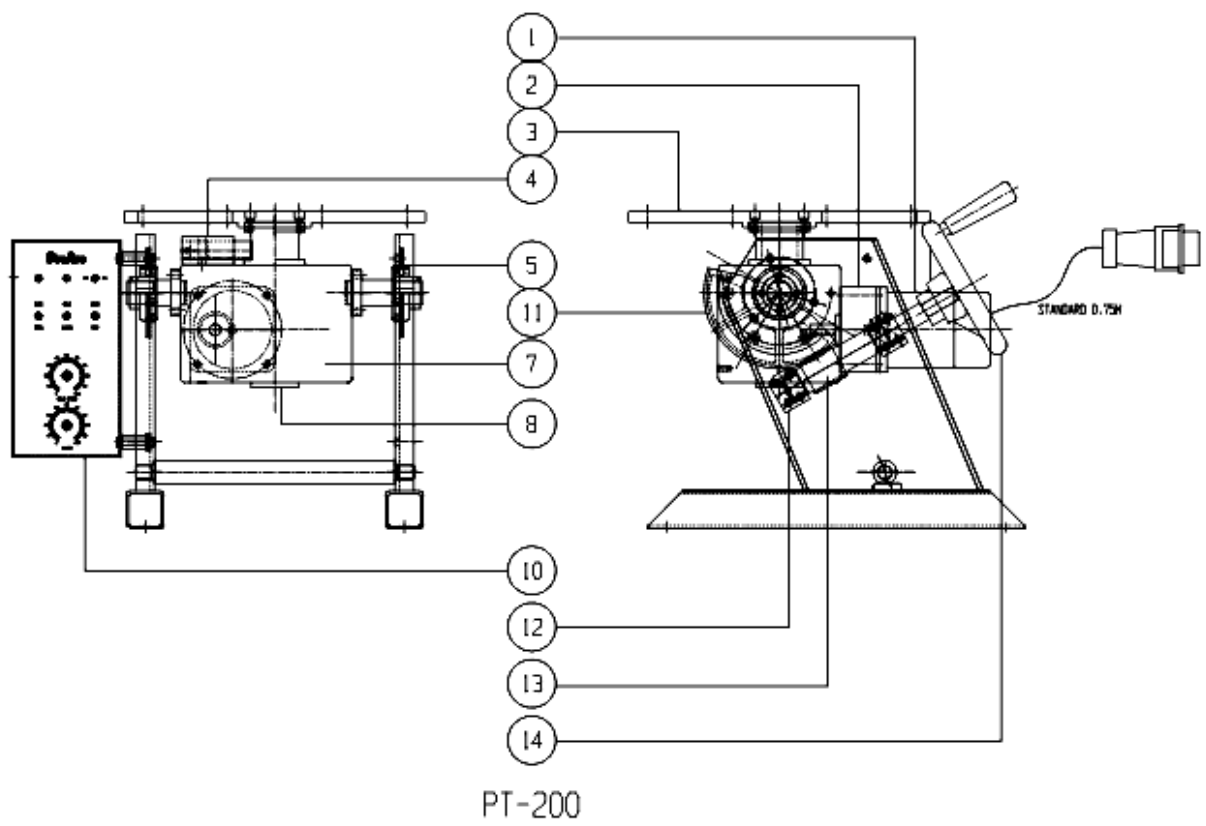
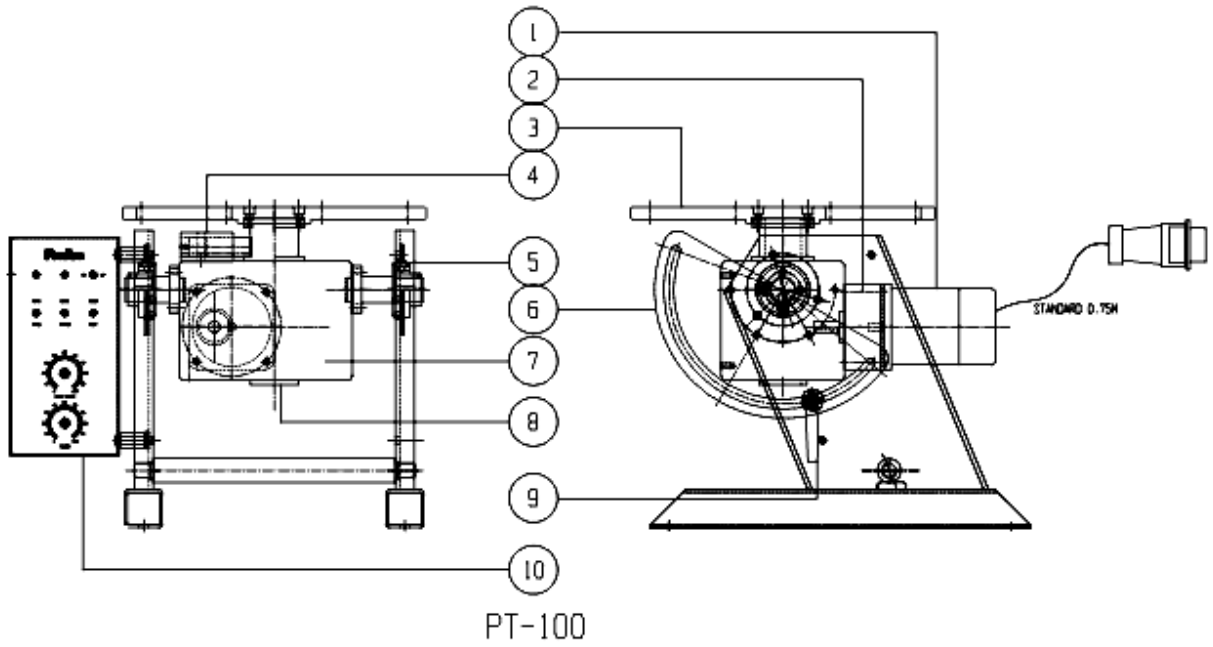
2. MAIN FRAME

Fig No.	Part No.	Description	Q'ty.		Remark
			PT-100	PT-200	
1	* 0361-0002	DC motor, 24V 40W	1		
	* 0361-0005	DC motor, 24V 65W		1	
	* 3124-2003	Metal connector socket	1	1	
2	** 0351-0129	Gear reducer, 1/3.6(Speed range : A)	1	1	1-15RPM
	** 0351-0109	Gear reducer, 1/15(Speed range : B)	1	1	0-4RPM
	** 0351-0115	Gear reducer, 1/7.5(Speed range : C)	1	1	0.5-8RPM
	** 0351-0122	Gear reducer, 1/5(Speed range : D)	1	1	1-12RPM
3	5010-1010100-10	Faceplate	1	1	
4	* 0140-0018	Current carbon brush	1	1	
5	0312-0501	Bearing	2	2	
6	5012-2300000-10	Angle tilt plate	1		
7	* 5010-2420000-20	Worm reducer	1	1	
8	** 5010-4040000-10	Home limited bracket	1	1	
9	0130-0014	Adjustable handle	1		
10	6500-0112	Control box	1	1	
11	5012-2360000-22	Worm gear		1	
12	0331-2003	Bearing		2	
13	5012-2350000-20	Worm shaft		1	
14	* 3053-1002	Hand Wheel		1	

* Recommended spare parts

** Option

2. MAIN FRAME



REVISIONS

Manual Number	Print Data	Changed Page	Revisions
RD-805IE	June. 14, 2006		
RD-805JE	July. 03, 2008	2 (P3)	Revised Part No.2 : Gear reducer Revised Part No.7 : Worm reducer
RD-805JE	Aug. 13, 2008	1.1 (P1)	Revised : Specification