Product specification
RTT 1600/2400

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Overview

About this Product specification

It describes the performance of the track motion in terms of:

- The structure and dimensional prints
- The fulfilment of standards, safety and operating requirements
- The load diagrams, mounting of extra equipment, the motion and reach
- The integrated auxiliary equipments as i.e: Customer Connections, Servo Gun
- The specification of variants and options available

Users

It is intended for:

- Product managers and Product personnel
- Sales and Marketing personnel
- Order and Customer Service personnel

Contens

Please see Table of Contents.

References

Reference	Document ID
Product specification - Controller, IRC5 with Flex Pendant	3HAC021875-001
Product specification - Controller Software IRC5, Robotware 5.10	3HAC022349-001
Product specification - Robot User Documentation, IRC5	3HAC024534-001
Product manual - RTT 1600/2400	3HEA801230-001

Revisions

Revision	Description
-	New product specification
A	Changes in chapter Standard
B	Warranty added
C	Text for Standards updated
D	• Table for ambient temperature adjusted
E	• Text for Warranty adjusted
F	• Minor corrections/update
G	• Minor corrections/update

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1 Description

1.1 Structure

1.1.1 Introduction

General

RTT 1600/2400 is a single axis robot carrier intended for an IRB 1600/2400 with or without a Marathon Pac with electrode. Holders for the cooling unit and splatter cleaning equipment are not included.

The movement on the track motion is programmed using the robot FlexPendant in the same way as the robot's other axes.

Operating system

The RTT is equipped with the IRC5 controller and robot control software, RobotWare. RobotWare supports every aspect of the robot system, such as motion control, development and execution of application programs, communication etc. See *Product specification - Controller IRC5 with FlexPendant*.

Safety

Safety standards valid for complete robot, manipulator and controller.

Additional functionality

For additional functionality, the robot can be equipped with optional software for application support - for example gluing and welding, communication features - network communication - and advanced functions such as multitasking, sensor control etc. For a complete description on optional software, see the *Product specification - Controller software IRC5*.

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1.1.1 Introduction
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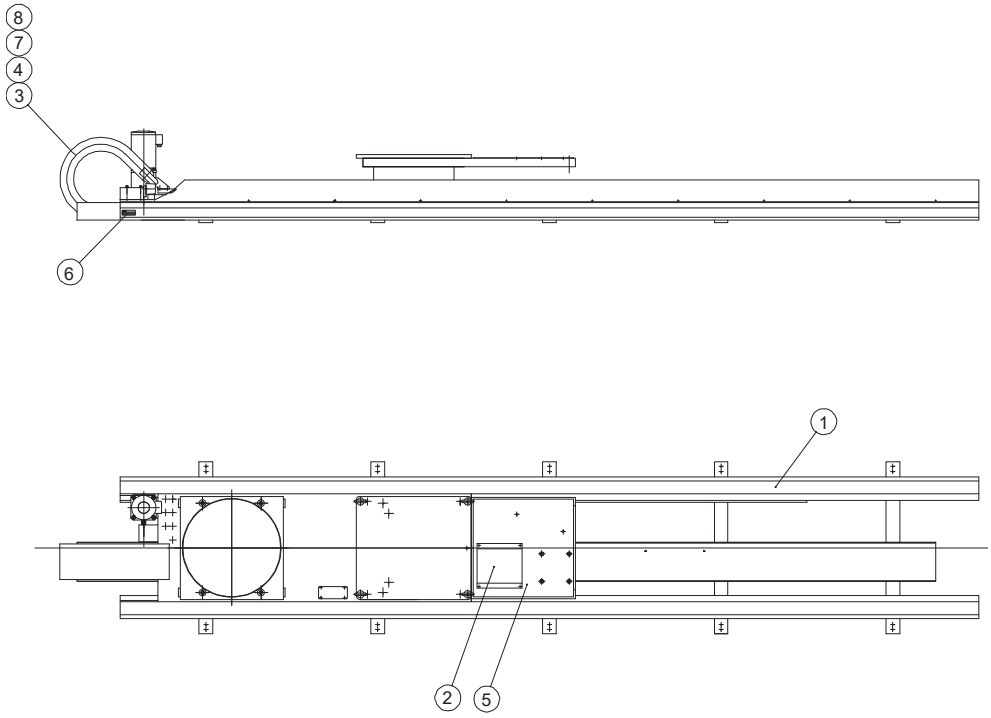
Track motion



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Pos	Description	Pos	Description
1	Track motion with Marathon Pac	5	Holder for TC96 (Torch Cleaner)
2	Internal cable set	6	Rating plate
3	Joint set	7	Motor cable
4	Cable set	8	Resolver cable

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