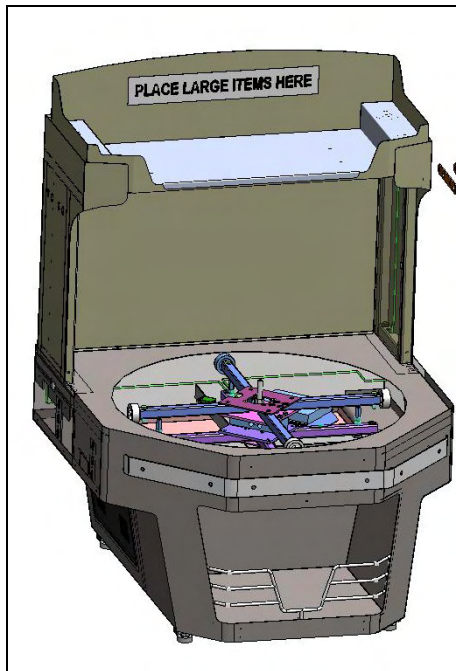


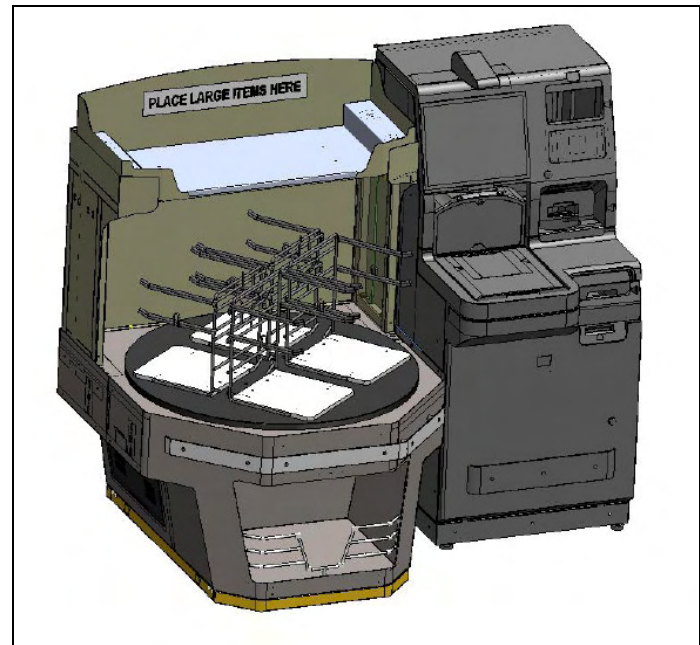
Subject: Genesis Mini-Carousel

SYNOPSIS

This document is intended to supply sufficient information to North American service planners to enable them to plan for the introduction of the above product(s). This SPG is the generic version, released by the product authority, Fujitsu Transaction Solutions (FTXS), Sustaining Engineering. Each group releasing the product will use the information contained as the basis for their Logistics and Field Service planning activities. This document details only the corporate philosophies, and does not seek to cover such subjects as additional services offered by Managed Services, third party service providers, low level repairs, or the local sourcing of components and consumable items. The service descriptions in this document are guidelines, detailing the recommendations of the product authority. The information within this document has been reviewed for accuracy, but as with most documents, errors may be found and corrected in future revisions. Fujitsu Transaction Solutions (FTXS) cannot be held liable for any inaccurate information found in this document.



Mini-Carousel Scale
Shown With Upper Scale



Mini-Carousel shown Attached to Genesis Robot
Shown With Upper Scale

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Product Overview

The Mini-Carousel could be configured as a single scale (bottom Carousel) or as a dual Scale. As a dual Scale design, the Mini-Carousel consists of upper Scale (flat) and bottom Carousel Scale. The entire top/bottom Scales capacity of the Mini-Carousel is 225 pounds, which includes: top Scale at 75 pounds and bottom Scale at 150 pounds. In addition, the bottom Carousel Scale could have 4 bagging locations (illustration above), with maximum capacity of 100 pounds each (when loaded individually), still with a combined limit of all bagging locations of 150 pounds. This Mini-Carousel can be attached to either side of the Genesis Robot, using the same adaptor plates.

A future release will also include mounting hardware for a second PC to be included under the Carousel. This option is targeted for release in 2009. The information in this document includes this option even though not yet released.

With the exception of the Carousel Load-Cell Assy (which has shorter arms than the standard Carousel), the scale parts are common with the previous Genesis Bag Scale/Carousel parts.

Reference Material

The following documents are located on the FTP site in the folder:

/pos/possustaining/Retail/U-ScanGenesis/MiniCarousel/

- Illustrated Parts Breakdown (IPB) documents MiniCarousel_IPB.zip
- D900000312 Genesis Mini Carousel Assembly Manual V01_MiniCarousel_Assembly.pdf

The following documents are updated to include the Mini-Carousel and are located on the FTP site in the folder:

/pos/possustaining/Retail/U-ScanGenesis/Manuals/

- D900000310 Genesis Site Preparation and Installation Manual V06_Genesis_SitePrep.pdf
- D900000311 Genesis Assembly Manual V06_Genesis_Assembly.pdf

Dimensions

- Mini-Carousel overall dimensional: 37" x 37" x 52.80".
- Mini-Carousel with Primary Scale, approx weight 230 lbs.
- Mini-Carousel with Primary and Secondary Scale, approx weight 350 lbs.

Power Ratings

The Mini-Carousel is rated as follows:

Standard	No AC Power Required 12VDC, .2A
With Optional PC	100-120VAC, 2.5A 12VDC, .4A



Interface Connections

Standard connections:	
RS-232C/12V (via cable 11001397) DB9 female to COM6 of TP3K Genesis	
Optional connections (when Customer PC is installed):	
115VAC Main Power	Customer PC Power outlet provided by Customer
LAN (customer cable)	LAN Customer PC
VGA, PS2 Keyboard, PS2 Mouse Cables	KVM switch (11002701) Genesis
FAN (via cable 11002124)	FAN assembly (11002125) Genesis

Environmental Specification

MTBF	Approx 50,000 Power on hours
Component Life	Approx 5 Years
Temperature	Operation 0°C ~ 40°C Non operation -25°C ~ 60°C Note: Definition of non-operation Equipment can be powered on with no damage. Performance is not guaranteed until returned to normal temperature.
Humidity	Operation 10% ~ 90% RH no condensation Non operation 10% ~ 95% RH no condensation



Parts List: Mini-Carousel Only - 11002705

Part #	Part Description
11002722	PLATTER, MDF-KYDEX, MINI CAROUSEL
11002736	FRONT GRILL, MINI CAROUSEL DRUM SCALE
11002770	DRUM SCALE KIT, MINI CAROUSEL, MODEL R-1760
11003023	TRANSMITTER 4 PORT CONTROLLER (W/O POWER SUPPLY)
11001311	THRUST NEEDLE ROLLER BEARING (TORRINGTON NTA-815)
11001397	CBL ASSY, TP3K COM6, RL BAG SCALES, 3.0METERS
11001340	TUBING, HOSE, 1/2" ID X 3/4" OD X 2 FOOT LG, BLACK
11001341	CLAMP, 3/4" HOSE/TUBING OD
11001578	NUT, ACORN CAP, STAINLESS STEEL, 1/2-13UNC
11001579	WASHER, FLAT, STAINLESS STEEL, 1/2"
11002705S-1-2	SHT MTL KIT, MINI CAROUSEL, 1 SCALE, COLOR: STAR SILVER SANDTEX
11002705-2	MINI CAROUSEL, 1 SCALE ASSY, PAINTED: BEACH SAND TEXTURED
11002705	MINI CAROUSEL, 1 SCALE ASSY
11002714	BASE WELDMENT - MINI CAROUSEL
11002715	FRONT PANEL - MINI CAROUSEL
11002716	BASE - MINI CAROUSEL
11002717	REAR PANEL - MINI CAROUSEL
11002718	RIM - MINI CAROUSEL
11002719	CHANNEL WELDMENT - MINI CAROUSEL
11002720	CHANNEL SECTION - MINI CAROUSEL
11002721	CHANNEL SECTION - MINI CAROUSEL
11002723	STORAGE SHELF, WELD - MINI CAROUSEL
11002724	PANEL, STORAGE SHELF - MINI CAROUSEL
11002725	PANEL, STORAGE SHELF - MINI CAROUSEL
11002726	COMPUTER SHELF - MINI CAROUSEL
11002727	DRIP TRAY - MINI CAROUSEL
11002728	DRAIN TUBE - MINI CAROUSEL
11002729	SIDE PANEL, RIM - MINI CAROUSEL
11002731	SUPPORT CHANNEL, LH - MINI CAROUSEL
11002763	SUPPORT CHANNEL - MINI CAROUSEL
11002732	SUPPORT CHANNEL, RH - MINI CAROUSEL
11002763	SUPPORT CHANNEL - MINI CAROUSEL
11002733	LEVELER PLATE - MINI CAROUSEL
11002735	PLATE, SUPPORT - MINI CAROUSEL
11002730	SIDE PANEL - MINI CAROUSEL
11001916	LEVELER, 1/2-13 THREAD X 5" LENGTH
11002760-1	REAR GUARD - MINI CAROUSEL, PAINTED: STAR SILVER SANDTEX
11002760	REAR GUARD - MINI CAROUSEL
11002761	RIM, REAR GUARD - MINI CAROUSEL
11002762-1	ATTACHMENT PLATE - MINI CAROUSEL, PAINTED: STAR SILVER
11002762	ATTACHMENT PLATE - MINI CAROUSEL



Parts List: Mini-Carousel with Upper Scale - 11002706

Part #	Part Description
11002722	PLATTER, MDF-KYDEX, MINI CAROUSEL
11002736	FRONT GRILL, MINI CAROUSEL DRUM SCALE
11002770	DRUM SCALE KIT, MINI CAROUSEL, MODEL R-1760
11003023	TRANSMITTER 4 PORT CONTROLLER (W/O POWER SUPPLY)
11001311	THRUST NEEDLE ROLLER BEARING (TORRINGTON NTA-815)
11001397	CBL ASSY, TP3K COM6, RL BAG SCALES, 3.0METERS
11001340	TUBING, HOSE, 1/2" ID X 3/4" OD X 2 FOOT LG, BLACK
11001341	CLAMP, 3/4" HOSE/TUBING OD
11001578	NUT, ACORN CAP, STAINLESS STEEL, 1/2-13UNC
11001579	WASHER, FLAT, STAINLESS STEEL, 1/2"
11002705S-1-2	SHT MTL KIT, MINI CAROUSEL, 1 SCALE, COLOR: STAR SILVER SANDTEX
11002705-2	MINI CAROUSEL, 1 SCALE ASSY, PAINTED: BEACH SAND TEXTURED
11002705	MINI CAROUSEL, 1 SCALE ASSY
11002714	BASE WELDMENT - MINI CAROUSEL
11002715	FRONT PANEL - MINI CAROUSEL
11002716	BASE - MINI CAROUSEL
11002717	REAR PANEL - MINI CAROUSEL
11002718	RIM - MINI CAROUSEL
11002719	CHANNEL WELDMENT - MINI CAROUSEL
11002720	CHANNEL SECTION - MINI CAROUSEL
11002721	CHANNEL SECTION - MINI CAROUSEL
11002723	STORAGE SHELF, WELD - MINI CAROUSEL
11002724	PANEL, STORAGE SHELF - MINI CAROUSEL
11002725	PANEL, STORAGE SHELF - MINI CAROUSEL
11002726	COMPUTER SHELF - MINI CAROUSEL
11002727	DRIP TRAY - MINI CAROUSEL
11002728	DRAIN TUBE - MINI CAROUSEL
11002729	SIDE PANEL, RIM - MINI CAROUSEL
11002731	SUPPORT CHANNEL, LH - MINI CAROUSEL
11002763	SUPPORT CHANNEL - MINI CAROUSEL
11002732	SUPPORT CHANNEL, RH - MINI CAROUSEL
11002763	SUPPORT CHANNEL - MINI CAROUSEL
11002733	LEVELER PLATE - MINI CAROUSEL
11002735	PLATE, SUPPORT - MINI CAROUSEL
11002730	SIDE PANEL - MINI CAROUSEL
11001916	LEVELER, 1/2-13 THREAD X 5" LENGTH
11002706-1	MINI CAROUSEL, 2 SCALE ASSY, PAINTED: STAR SILVER SANDTEX
11002706	MINI CAROUSEL, 2 SCALE ASSY
11002710	SECONDARY SCL FRM ASSY MINI CAROUSEL
11002740	SECONDARY SCALE WELDT - MINI CAROUSEL
11002741	CHANNEL 001, SEC SCL - MINI CAROUSEL
11002742	CHANNEL 002, SEC SCL - MINI CAROUSEL



11002743	CHANNEL 003, SEC SCL - MINI CAROUSEL
11002745	REAR GUARD - MINI CAROUSEL
11002747	SCALE SUPPORT LH - MINI CAROUSEL
11002746	SCALE SUPPORT PLT- MINI CAROUSEL
11002749	SPACER, SECONDARY SCL - MINI CAROUSEL
11002748	SCALE SUPPORT RH - MINI CAROUSEL
11002746	SCALE SUPPORT PLT- MINI CAROUSEL
11002750	CHANNEL 005, SEC SCL - MINI CAROUSEL
11002711	REAR SHIELD, SECONDARY SCALE - MINI CAROUSEL
11002755	SIDE COVER, SEC SCL - MINI CAROUSEL
11002751	PLATTER ASSY, SEC SCL - MINI CAROUSEL
11002752	PLATTER, SEC SCALE - MINI CAROUSEL
11002764	CHANNEL, SEC SCALE - MINI CAROUSEL
11002765	INSERT, SEC SCL - MINI CAROUSEL
11002762-1	ATTACHMENT PLATE - MINI CAROUSEL, PAINTED: STAR SILVER SANDTEX
11002762	ATTACHMENT PLATE - MINI CAROUSEL
11002766-1	ATTACH PLT, 2 SCALE - MINI CAROUSEL, PAINTED: STAR SILVER SANDTEX
11002766	ATTACH PLT, SEC SCALE - MINI CAROUSEL
11002768-1	SPACER, ATTACH PLT, 2 SCALE - MINI CAROUSEL, PAINTED: STAR SILVER SANDTEX
11002768	SPACER, ATTACH PLT - MINI CAROUSEL
11001409	SCALE BAR, W/ CABLE, MODEL R-1305, GENESIS
11001506	CUP, BAG SCALE, DIE CAST, GENESIS