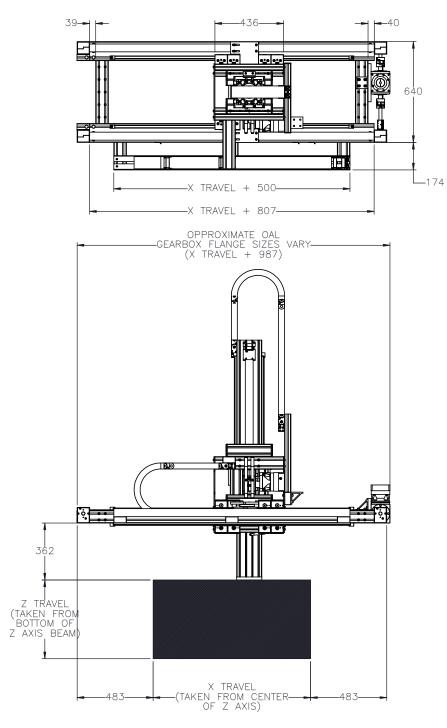
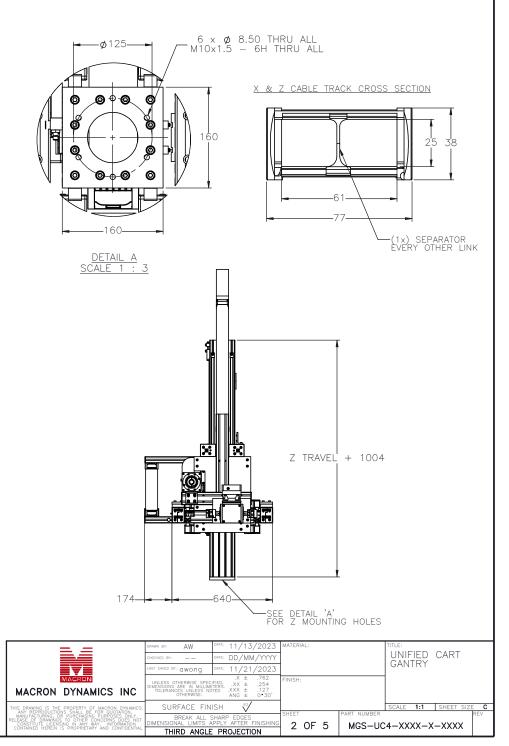
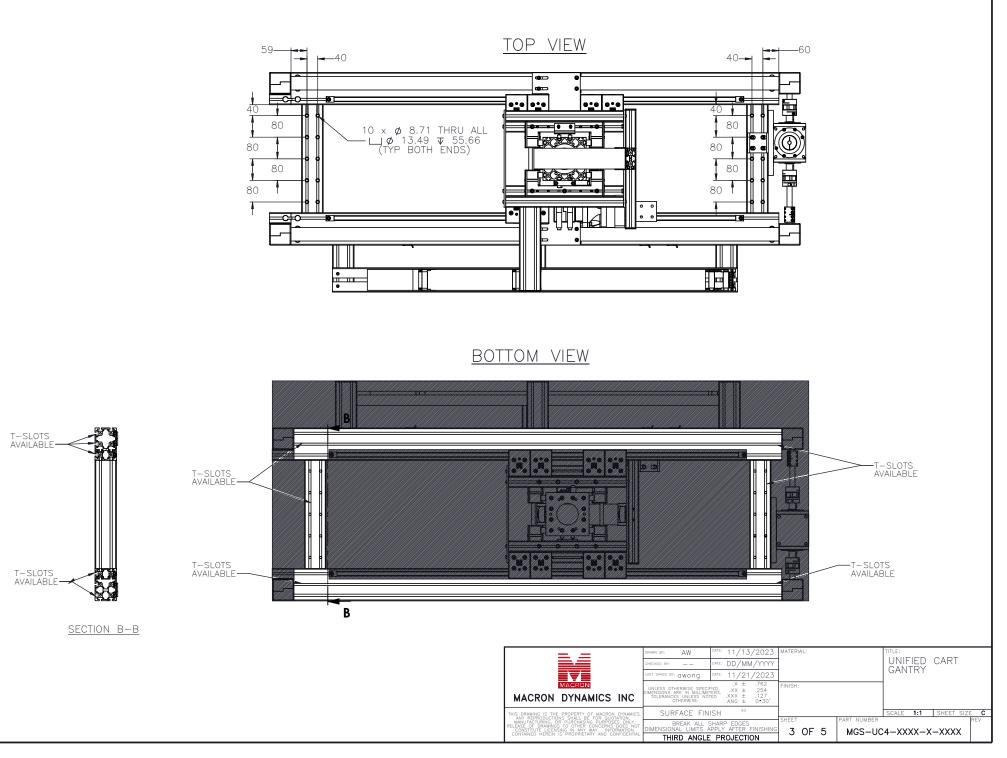


#### WORK ENVELOPE AND GANTRY FOOTPRINT



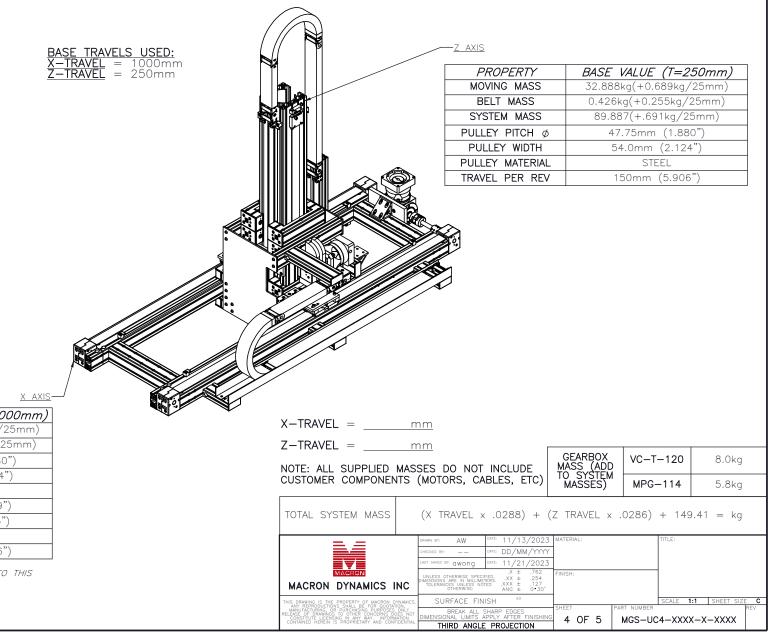


#### GANTRY MOUNTING FOOTPRINT



# MOTOR SIZING INFORMATION

(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)



PROPERTY	BASE VALUE (T=1000mm)
*MOVING MASS	26.969kg(+0.535kg/25mm)
BELT MASS	0.010kg(+0.255kg/25mm)
PULLEY PITCH Ø	47.75mm (1.880")
PULLEY WIDTH	54.0mm (2.124")
PULLEY MATERIAL	STEEL
CONN SHAFT LENGTH	129mm (5.079")
CONN SHAFT Ø	19.05mm (.75")
CONN SHAFT MATERIAL	STEEL
TRAVEL PER REV	150mm (5.906")

\*SYSTEM MASS OF Z-AXIS NEEDS TO BE ADDED TO THIS

### SPECIFICATIONS

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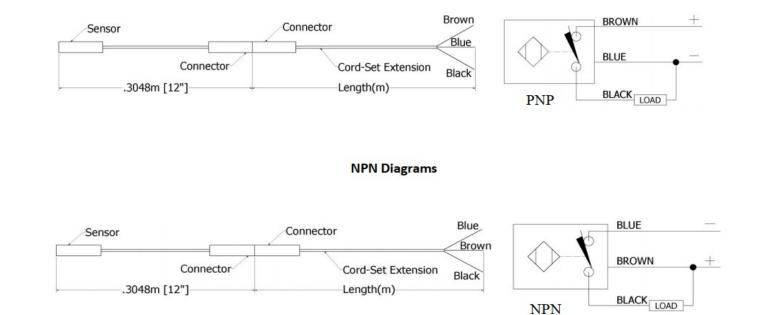
Sensor Type	Inductive		
Canada Gian	Fits all 8mm		
Sensor Size	wide T-Slots		
Operating Voltage	10-30 VDC		
Voltage Drop Across Conducting Sensor	≤1.8 V at 100 mA		
Number of Conductors (AWG)	3x26 AWG		
Temperature Range	-40°C to 105°C		

## Part Number Configuration 244-\_\_-

PNP or NPN	NC or NO	02	Meters
PNP or NPN	NC or NO	06	Meters
PNP or NPN	NC or NO	12	Meters

Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

#### **PNP Diagrams**



KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

	DRAWN BY: AW	DATE: 11/13/2023	MATERIAL:		TITLE:	
	CHECKED BY:	date: DD/MM/YYYY			T-SLOT	SENSOR
	LAST SAVED BY: Paul	DATE: 11/21/2023			KIT	
		TEPS .XX ± .254	FINISH:			
MACRON DYNAMICS INC	TOLERANCES UNLESS NO OTHERWISE:	ANG ± 0.30'				
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION,	SURFACE FIN	ISH 🗳			SCALE 1:1	SHEET SIZE C
MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT		SHARP EDGES		PART NUMBER		REV
CONSTITUTE LICENSING IN ANY WAY. INFORMATION CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL		PPLY AFTER FINISHING	5 OF 5	SEN	SOR CALLO	UT
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