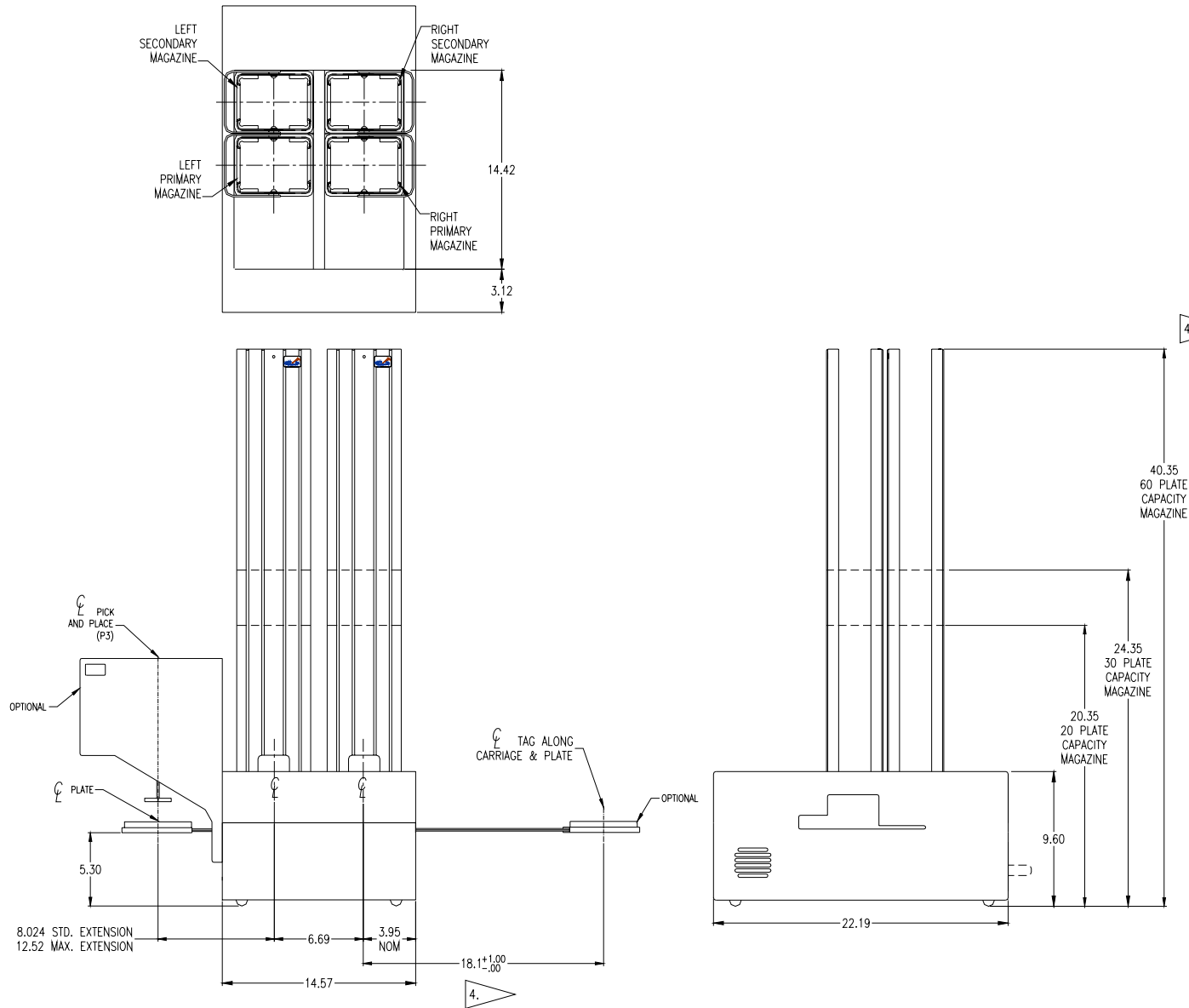


## Specifications - Titan 180 Stacker

<b>Weight:</b>	50 lbs.	23Kg
<b>Dimensions:</b>		
	Width - 14.6 inches	37.08 cm
	Depth - 22.2 inches	56.39 cm
<b>S20 magazine installed</b>	Height - 20.35 inches	51.69 cm
<b>S30 magazine installed</b>	Height - 24.35 inches	61.85 cm
<b>S60 magazine installed</b>	Height - 40.35 inches	102.5 cm
<b>Electrical:</b>		
<b>Mains Voltage</b>	115 volt $\pm$ 10 %, 60 Hz 30VA	230 volt $\pm$ 10 %, 50 Hz 30VA
<b>Mains Fuse</b>	3 amp for 115 volt	1.5 amp for 230 volt
<b>Plate Transport:</b>		
	Direct drive step motor with a positional resolution of 0.010 inch.	Plate reach up to 14 inches
<b>Interface:</b>		
	RS232 using simple command set.	
<b>Throughput:</b>		
	11 seconds to deliver or retrieve a plate	
<b>Magazines:</b>		
	20, 30 or 60 standard plate capacity	60 plate magazine will hold 18 deep well plates
<b>Options:</b>		
<b>Titertek P3 Device Standard Extension</b>	Standard Extension is 8.024 inches	
<b>Titertek P3 Device Maximum Extension</b>	Maximum Extension range is 10.67 to 12.52 inches	
<b>Tag-Along Carriage</b>	Presents plate to the right	See note 4 on Figure 1

## NOTES:

1. STACKER IS COMPATIBLE WITH DEEP WELL, STANDARD (15mm), & THIN (11mm) PLATES.
2. STACKERS CARRIAGE PRESENTS THE PLATE TO THE LEFT IN .00852 INCH INCREMENTS UP TO 12.52 INCHES MAXIMUM.
3. PICK AND PLACE (P3) OPTION AVAILABLE WITH STANDARD EXTENSION (8.024) P/N 52156 SHOWN, OR WITH AN EXTENSION RANGE OF 10.67 TO 12.52 INCHES P/N 52155.



4. AN OPTIONAL TAG ALONG CARRIAGE CAN PRESENT A PLATE  $18.1 \pm 1.00$  TO THE RIGHT AND THEN BACK TO  $\phi$  OF INPUT. THIS REQUIRES A LEFT EXTENSION OF 12.52 AS SHOWN.

Figure 1