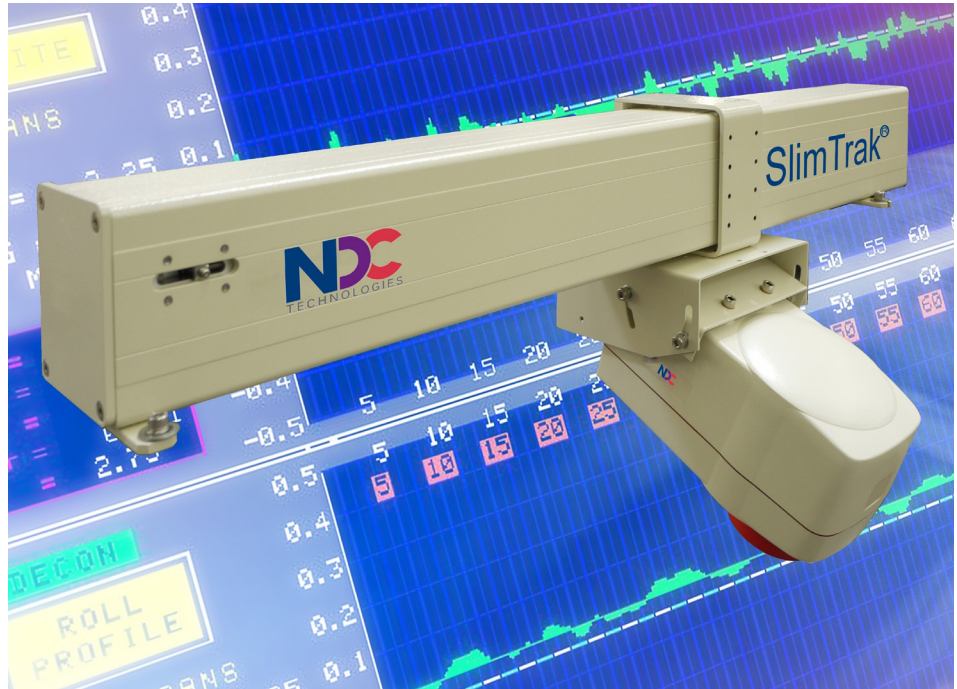


SlimTrak Single Beam Scanner

A Compact, Cost-Effective Scanner for Narrow Web Processes

Features:

- ▶ **Extremely compact footprint designed to fit into tight machine spaces**
- ▶ **Intelligent scanner for fast, accurate, repeatable measurement**
- ▶ **Designed for excellent scanning repeatability and robust measurement performance**
- ▶ **Supports a single reflection or backscatter sensor**
- ▶ **Box-beam construction for excellent scanner rigidity**
- ▶ **Unique eight-way mount allows flexible gauge orientation that best suits the process**
- ▶ **Precision linear rail and bearing system for maximum measurement accuracy**
- ▶ **Access to key scanner components via the end covers**
- ▶ **Remote scanner electronics to further conserve on-machine space, provide additional environmental protection**
- ▶ **GBS sensor breakaway option protects gauge from damage due to accidental contact with the moving web**



The **SlimTrak Scanner** delivers fast, accurate, reliable high quality measurements that are tightly integrated into an intelligent, distributed web gauging architecture.

The mechanical design of the SlimTrak scanner is based on an extruded box-beam construction for excellent rigidity and measurement performance. The linear bearing system and precision rails provide superior scanner run out and deliver long-life performance.

Scanner maintenance is accomplished using modular parts that are easily replaced for maximum availability.

The SlimTrak scanner uses a side carriage opening to help keep contaminants from falling onto the sheet/web.

Design and Construction

The SlimTrak Scanner is both compact and robust and requires minimal installation space in order to provide critical measurements even in confined process locations. It supports both the GBS backscatter and infrared reflection family of

intelligent iSensors™ from NDC.

The SlimTrak scanner employs iFrame electronics in a remotely located SlimBridge control box. This box can be located anywhere within 60 feet (20 meters) of the scanning frame. This module manages the scanner, sensor and control operations for high system integrity plus responsive measurement and control.

NDC's intelligent measurement architecture significantly reduces the cable requirements, resulting in long-life performance and high measurement availability.

Applications

- ▶ Lacquer coating on foil
- ▶ Adhesive tapes
- ▶ Labelstock
- ▶ Hotmelt coaters
- ▶ Dry Lamination
- ▶ Re-moisturizing
- ▶ Water-based coatings



SlimBridge control box

Technical Specifications

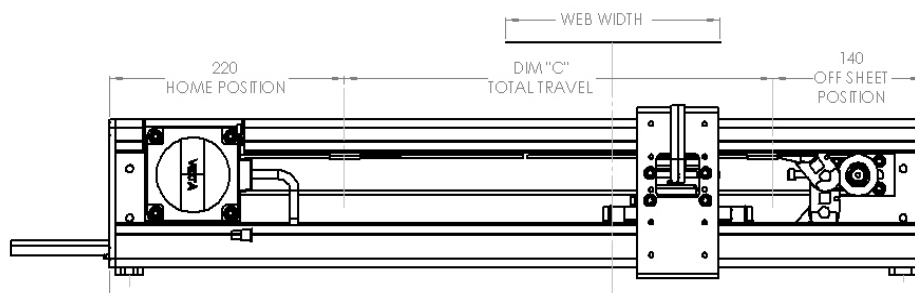
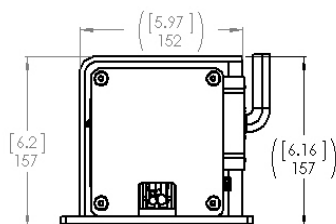
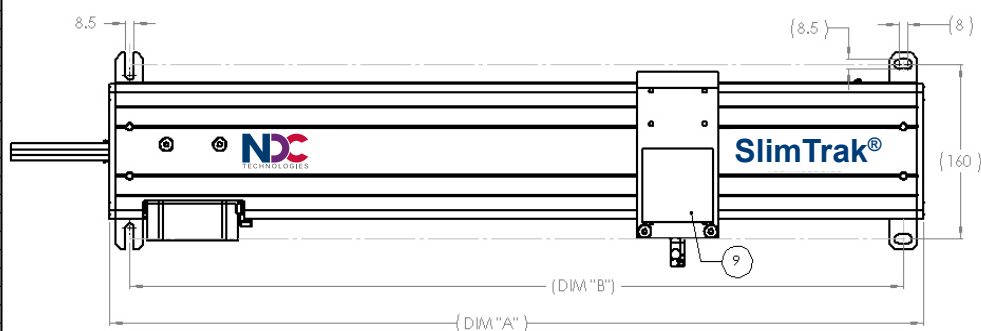
Specifications and Dimensions

Width:	Web width 200mm to 2500mm (7.87in to 98.4in)
Scanning Load:	18.2kg (40lb total); 1 sensor
Scanning Speed:	13mm/sec to 127mm/sec (0.50in/sec to 5.0in/sec)
Position Repeatability:	±0.5mm (±0.02in)
Operating Temperature:	0° to 50°C (32° to 122°F)



SlimTrak Scanner with GBS Sensor

581780-YYY-XXXX-SXX, CONFIGURATION TABLE						
DASH No.	WEB WD	DIM "A"	DIM "B"	DIM "C"	DIM "D"	703985, LG
	mm	mm	mm	mm	mm	mm
-0200	200	763	725	400	470	1350
-0300	300	863	825	500	520	1550
-0400	400	963	925	600	570	1750
-0500	500	1063	1025	700	620	1950
-0600	600	1163	1125	800	670	2150
-0700	700	1263	1225	900	720	2350
-0800	800	1363	1325	1000	770	2550
-0900	900	1463	1425	1100	820	2750
-1000	1000	1563	1525	1200	870	2950
-1100	1100	1663	1625	1300	920	3150
-1200	1200	1763	1725	1400	970	3350
-1300	1300	1863	1825	1500	1020	3550
-1400	1400	1963	1925	1600	1070	3750
-1500	1500	2063	2025	1700	1120	3950
-1600	1600	2163	2125	1800	1170	4150
-1700	1700	2263	2225	1900	1220	4350
-1800	1800	2363	2325	2000	1270	4550
-1900	1900	2463	2425	2100	1320	4750
-2000	2000	2563	2525	2200	1370	4950
-2100	2100	2663	2625	2300	1420	5150
-2200	2200	2763	2725	2400	1470	5350
-2300	2300	2863	2825	2500	1520	5550
-2400	2400	2963	2925	2600	1570	5750
-2500	2500	3063	3025	2700	1620	5950



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