KYOCERA

Smart Solution Series Overview

SENCO SMART SOLUTIONS

SENCO®

SENCO®

INCREASING EFFICIENCY
in a modern production environment

With SENCO's innovative Smart Solutions the production process can be simplified and at the same time improved in terms of accuracy, quality, speed and operator safety. These tooling solutions are used in combination with SENCO XP hand tools and are available in three different versions meeting the demands of different production conditions.

SMART SOLUTION SERIES

SMART BOARDFIXER
Easy and consistent fixing

The Smart BoardFixer is the ideal tool to improve quality and ergonomics in production environments with perfectly aligned distances varying from 85mm or 170mm. Operated by just one person from the side of the panel the Smart BoardFixer is guided along the edge of the element and drives nails or staples at set increments without the need to climb or stretch across the sheet/panel.

As an extra benefit the system prevents unnecessary waste of fasteners which decreases production costs.

The Smart BoardFixer is available with various stapling or nailing tools of the SENCO Heavy Duty XP product range.

Models and Item Numbers						
Model	**Description**	**Type**	**Crown**	**Wire diameter**	**Max. staple length**	**Item code**
Smart BoardFixer SKSXP	Stapler	L	6,4/0.25″	18ga	38mm/1.50″	9VS99001N
		M	9,6/0.38″	18ga		
		N	10,6/0.42″	16ga		
Smart BoardFixer SQS55XP	Stapler	Q	11,2/0.44″	15ga	63mm/2.48″	9VS99002N
		S	11,7/0.46″	14ga	90mm/3.54″	
Model	**Description**	**Type**	**Shank type**	**Nail diameter**	**Max. nail length**	**Item code**
Smart BoardFixer CoilPro50	Coilnailer	BE, BJ, BK, BL, BS, BX	Smooth, Ring and Screw shank	2,5mm/0.10″	50mm/1.97″	9VS99003N
		ED, EK, EL		2,3mm/0.09″		
		SC, SD, SE, SG, SL, SS		2,1mm/0.08″		
Smart BoardFixer SCN49XP	Coilnailer	SC, SD, SE, SG, SL, SS	Smooth and Ring shank	2,1mm/0.08″	50mm/1.97″	9VS99004N
		ED, EL	Smooth and Ring shank	2,3mm/0.09″	65mm/2.56″	
		BD, BE, BJ, BK, BL, BS, BX	Smooth, Ring and Screw shank	2,5mm/0.10″	65mm/2.56″	
		NS	Ring shank	2,8mm/0.11″	45mm/1.77″	
		GD, GL	Smooth and Ring shank	2,9mm/0.11″	65mm/2.56″	

SMART BOARDMASTER
Smart fastening with intelligent PLC

The Smart BoardMaster is equipped with a programmable PLC for short and long staple spacing including a quick change between the two. The spacing can be set freely from 30mm with increments of 5mm. A laser line for optical staple guiding ensures optimal positioning of the staples. With the telescopic arm great operating comfort is achieved. The Smart BoardMaster can be operated directly on the work surface, it maneuvers easily or can be run over a fixed track for straight line fastening.

The Smart BoardMaster is available in different versions depending on the fastening job.

Models and Item Numbers						
Model	Description	Type	Crown	Wire diameter	Max. staple length	Item code
Smart BoardMaster SHS	Stapler	N	10,6 0.42"	16ga	50mm/ 1.97"	EJ03600
		O	10,4/0.41"			
Smart BoardMaster SNS	Stapler	N	10,6/0.42"	16ga	63mm/ 2.48"	EJ04100
Smart BoardMaster SQS	Stapler	Q	11,2/0.44"	15ga	63mm/ 2.48"	EJ04000
		S	11,7/0.46"	14ga	90mm/3.54"	

SMART BRIDGE
The Bridge to Success

The SENCO Smart Bridge has been developed for manufacturers of prefabricated panels who aim to improve their production process, product quality and ergonomics. Without the loss of flexibility and the need to use extra manpower the bridge increases productivity.

Significant cost savings

By using the Smart Bridge a high return on investment (ROI) of less than a year can be achieved. Furthermore the amount of fasteners used can be significantly reduced. The modular design makes it easy to install the bridge into existing production lines. It will be up and running within hours.

Empower the people

Operable by only one person the bridge offers a high amount of flexibility by eliminating the need for an expensive and complex software controlled program. One person can do the job of two people at once. Remote firing of the Smart Bridge tools provides a safer working environment and creates less operator strain as the need to climb on and stretch over the panel is eliminated.

Consistent fastening quality

With the use of the Smart Bridge international quality demands concerning a consistent fastening of elements can be met. The programmable PLC can easily programs preset distances by simply entering length and width distances.

It is possible to mount various Smart Load tools (up to 9) on the bridge which provide fastening solutions for every application. Furthermore a great variety of SENCO XP hand tools can be mounted on the bridge. However concerning the higher fastener consumption using a Smart Load tool is recommended.

Smart Bridge options

The Smart Bridge has the flexibility to integrate into production lines with options to mount onto existing table systems or with a floor mounted system.
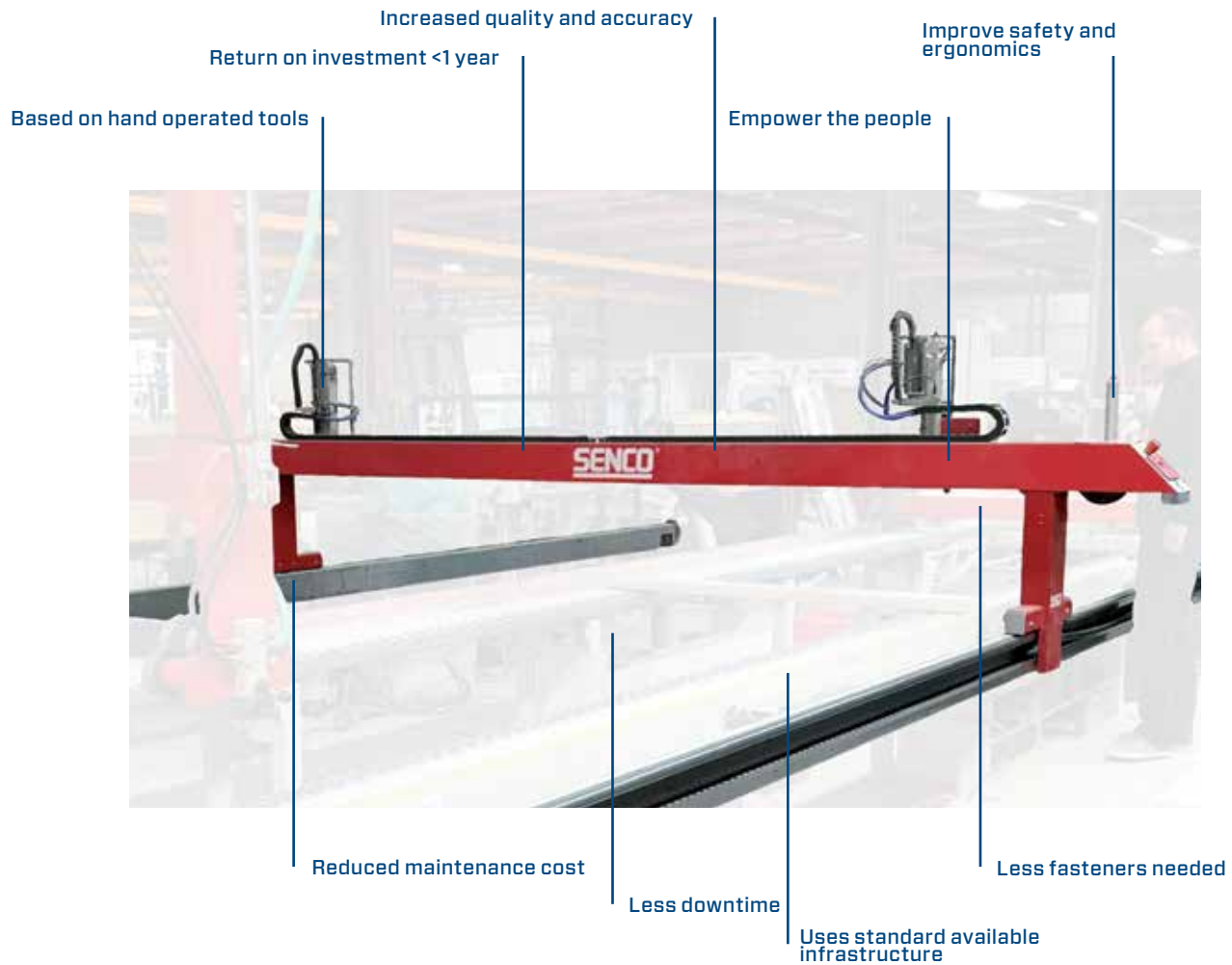

Floor Mount

Floor + Table Mount (on request)

Table Mount

SMART BRIDGE SPECIFICATIONS

- Floor- and/or table mounted
- Width: up to 6 meters/235 inches
- Tools: Up to 9 tools
- Guiding rails protected from debris
- PLC- control sensor to detect material under each tool

Benefits of the Smart Bridge

Increased quality and accuracy

Improve safety and ergonomics

Return on investment <1 year

Empower the people

Based on hand operated tools

Reduced maintenance cost

Less fasteners needed

Less downtime

Uses standard available infrastructure

SMART LOAD TOOLS

The SENCO Smart Load tools are equipped with a mounting bolt positioned according to guidelines of EU-automation machine builders. The tools have a higher fastener load capacity and ensure a consistent and smooth fastening of the elements.

This results in less downtime and a reduced consumption of fasteners. As a consequence the production time can be shortened significantly.

Versatile use
Smart Load Tools offer the same electronic connection to the central system which makes them suitable for mounting on the Smart Bridge and other bridge systems and increase their productivity as well.

SENCO Smart Load Tools

Models and Item numbers						
Model	**Description**	**Type**	**Power source**	**Max. Torque**	**Max. screw length**	**Item code**
Smart Load DuraSpin	Collated Screw system	DS5525-AC	220V outlet	11Nm	55mm/ 2.16"	1SB15004N
		DS5550-AC	220V outlet	7Nm		1SB15005N
		DS7525-18V	Battery powered	8Nm	75mm/ 2.95"	1SB15003N
		DS7525-AC	220V outlet	11Nm		1SB15006N
Model	**Description**	**Type**	**Crown**	**Wire diameter**	**Max. staple length**	**Item code**
Smart Load SNS	Stapler	N	10,6mm/0.42"	16ga	63mm/ 2.48"	1SB15008N
Smart Load SKSXP-L	Stapler	L	6,4mm/ 0.25"	18ga	38mm/ 1.50"	1SB15007N
Smart Load SHS	Stapler	N	10,6mm/ 0.42"	16ga	50mm/ 1.97"	1SB15001N
Smart Load SQS	Stapler	O	10,4mm/ 0.42"	16ga	50mm/ 1.97"	1SB15011N
		Q	11,2mm/ 0.44"	15ga	63mm/ 2.48"	
		S	11,7mm/ 0.46"	14ga	90mm/ 3.54"	
Model	**Description**	**Type**	**Shank type**	**Nail diameter**	**Max. nail length**	**Item code**
Smart Load Coilnailer	Coilnailer	SCN49XP	Smooth and Ring shank	2,1mm - 2,9mm/ 0.08" - 0.11"	50mm - 65mm/ 1.97"-2.56"	1SB15002N
		SCN65XP				1SB15012N
		CoilPro50				1SB15010N
		PAL100				1SB15009N

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Looking for more?

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MAKING HARD WORK EASIER