

PunchLok[®] II SYSTEM

Verco is introducing the PunchLok II system, the next generation of the proprietary sidelap connection tool which revolutionized the steel deck industry. The more powerful PunchLok II tool creates a stronger connection (the VSC2) than the original (VSC) with all of the same benefits and labor savings of the original PunchLok system.

Verco is offering an expanded range of support fastening patterns and fastener types with the PunchLok II system, including the 36/7/4 pattern for PLB-36 roof deck. The 36/7/4 pattern provides diaphragm strength and stiffness similar to the traditional 36/7 pattern with 28% fewer support fasteners for a 3 span sheet. IAPMO UES Evaluation Report No. 0217 for Verco decks includes the roof deck diaphragm design formulas to allow the determination of the most advantageous attachment pattern for any particular design condition.

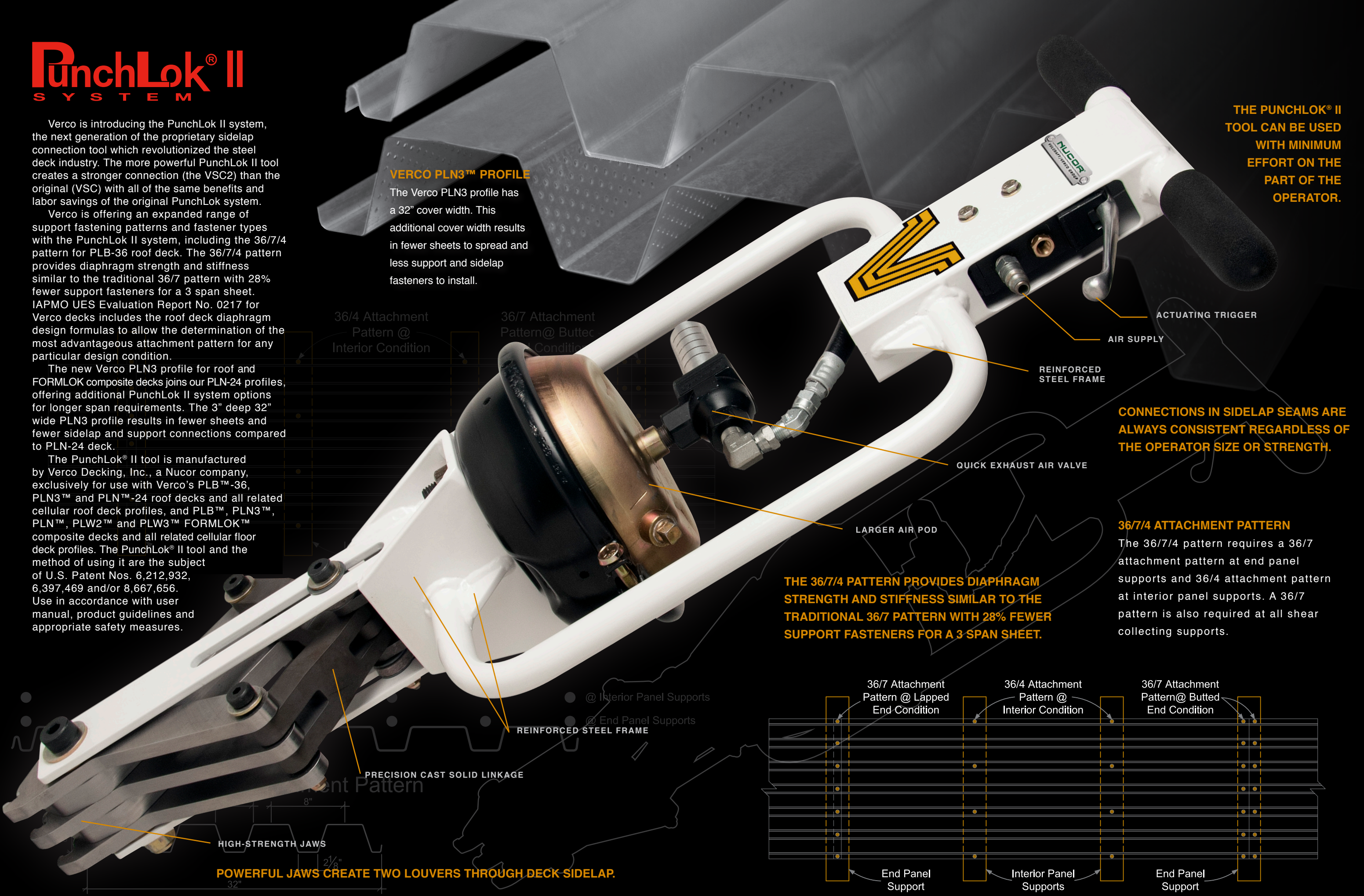
The new Verco PLN3 profile for roof and FORMLOK composite decks joins our PLN-24 profiles, offering additional PunchLok II system options for longer span requirements. The 3" deep 32" wide PLN3 profile results in fewer sheets and fewer sidelap and support connections compared to PLN-24 deck.

The PunchLok[®] II tool is manufactured by Verco Decking, Inc., a Nucor company, exclusively for use with Verco's PLB[™]-36, PLN3[™] and PLN[™]-24 roof decks and all related cellular roof deck profiles, and PLB[™], PLN3[™], PLN[™], PLW2[™] and PLW3[™] FORMLOK[™] composite decks and all related cellular floor deck profiles. The PunchLok[®] II tool and the method of using it are the subject of U.S. Patent Nos. 6,212,932, 6,397,469 and/or 8,667,656. Use in accordance with user manual, product guidelines and appropriate safety measures.

VERCO PLN3[™] PROFILE

The Verco PLN3 profile has a 32" cover width. This additional cover width results in fewer sheets to spread and less support and sidelap fasteners to install.

THE PUNCHLOK[®] II TOOL CAN BE USED WITH MINIMUM EFFORT ON THE PART OF THE OPERATOR.



36/4 Attachment Pattern @ Interior Condition

36/7 Attachment Pattern @ Butted End Condition

ACTUATING TRIGGER

AIR SUPPLY

REINFORCED STEEL FRAME

CONNECTIONS IN SIDELAP SEAMS ARE ALWAYS CONSISTENT REGARDLESS OF THE OPERATOR SIZE OR STRENGTH.

QUICK EXHAUST AIR VALVE

LARGER AIR POD

THE 36/7/4 PATTERN PROVIDES DIAPHRAGM STRENGTH AND STIFFNESS SIMILAR TO THE TRADITIONAL 36/7 PATTERN WITH 28% FEWER SUPPORT FASTENERS FOR A 3 SPAN SHEET.

36/7/4 ATTACHMENT PATTERN

The 36/7/4 pattern requires a 36/7 attachment pattern at end panel supports and 36/4 attachment pattern at interior panel supports. A 36/7 pattern is also required at all shear collecting supports.

@ Interior Panel Supports
@ End Panel Supports

REINFORCED STEEL FRAME

PRECISION CAST SOLID LINKAGE

HIGH-STRENGTH JAWS

POWERFUL JAWS CREATE TWO LOUVERS THROUGH DECK SIDELAP.

