

# Product Showcase

## Formwork & Accessories

### Kaufman Products SeasonAL

SeasonAL is a water-based, highly alkaline, chemically reactive seasoning agent for aluminum forms. It contains robust cleaning agents that penetrate residual oils left on forms during manufacturing, oxidizing the elemental aluminum on the surface and minimizing the risk of concrete residue sticking to the form face. SeasonAL is available in 5 gal. (19 L) pails or 55 gal. (208 L) drums and is ready to use without dilution—only proper agitation is required prior to application. It is best used when both form and ambient air temperatures are above 70°F (21°C) but may be used in temperatures as low as 50°F (10°C). It may be applied by brush, 1/2 in. (13 mm) nap roller, or sprayer. SeasonAL meets the VOC content requirements of the Ozone Transport Commission (OTC), Lake Michigan Air Directors Consortium (LADCO), and the Environmental Protection Agency (EPA).

—Kaufman Products, Inc., [www.kaufmanproducts.net](http://www.kaufmanproducts.net)



### Precasteel Precast Overhang System

The Precasteel precast overhang system is unique in its ability to be installed from atop the bridge girders—there is no need for access from underneath, making installation safer and less labor-intensive. Overhang loads are distributed across the top of the edge girder, with no bracing against the web. The system's coil rod struts resist wind loads as well as overturning during concrete placement. This system is left in place and forms the exterior of the barrier, eliminating the need to dispose of formwork, and its integrated and dense concrete surface provides improved service life.

—Precasteel, [www.precasteel.com](http://www.precasteel.com)



### Topcon LN-100 HUD Device

Topcon Positioning Group introduced a hands-free, voice-activated head-up display (HUD) solution that provides visual layout directions via the company's LN-100 device to efficiently perform layout work at a construction site. The LN-100 is a blend of Topcon's self-leveling laser and robotic total station technologies. This wearable assistant enables operators to use both hands to accurately mark layout points. The HUD device can also take photos and shoot video to help document a project, and it can generate reports while on a jobsite.

—Topcon Positioning Group, [www.topconpositioning.com](http://www.topconpositioning.com)

### BoMetals QuicDiamond Flat Plate Dowel System

The QuicDiamond™ Flat Plate Dowel System is designed for load transfer between multiple concrete placements. Each dowel comprises a 4.5 in. (114 mm) square flat plate (available in 1/4, 3/8, and 3/4 in. [6, 10, and 19 mm] thicknesses) and a high-density, triangular ABS plastic sleeve. The sleeve design locates the diagonal of the installed plate at the center of the joint, thus permitting lateral and horizontal movement while maintaining maximum stiffness and strength at the center of the joint. The steel plates are saw cut rather than sheared, providing a smooth edge that allows unrestrained movement. Sleeves include nails affixed for easy attachment to formwork. Sleeves are rigid with ribs and internal supports to avoid compression during the installation stage. This enables easy and accurate insertion of the plate after the first slab has cured and the form is removed.

—BoMetals, Inc., [www.bometals.com](http://www.bometals.com)





## Leica DISTO X4 Laser Distance Meter

The Leica DISTO™ X4 laser distance meter is dust- and water-protected (IP 65 standards) and can withstand drop tests from a height of 2 m (6.6 ft), making it suitable for tough outdoor worksite environments. The X4 is equipped with a Pointfinder camera, allowing users to easily target distant objects in bright sunlight. Even if the laser cannot be seen by the naked eye, the target appears clearly on the large high-resolution display, which automatically rotates to allow users to read measurements from any angle. The DISTO X4 comes with a holster, hand loop, and batteries.

—Leica Geosystems, [www.leica-geosystems.com](http://www.leica-geosystems.com)

## MEVA32 Aluminum Shoring

The MEVA32 aluminum frame is a strong and flexible system designed to suit many different shoring applications. It has a load capacity of 32 kip (142 kN) with a maximum frame weight of 50 lb (23 kg). MEVA32 can be built in place, or multiple frames and cross braces can be assembled into a flying table. A saddle beam has been designed to mount on top of the frame, providing an efficient solution for parking garages.

—Meva, [www.mevaformwork.com](http://www.mevaformwork.com)



## Doka Smart Edge

Smart Edge, a versatile edge protection and guardrail system, can be used at perimeter edges, internal openings, elevator shafts, and stairs. The system is made of galvanized steel for reliable strength and longevity. It exceeds all applicable U.S. safety codes and regulations, including OSHA, ANSI/ASSE, and WISHA/WAC. The Smart Edge system consists of only three basic parts and installs quickly with just one worker. Fence panels can be used to provide either 42 or 91 in. (1065 or 2300 mm) high protection. Each Smart Edge Smart Pack includes 25 panels, posts, and zip ties—enough to provide 185 ft (56 m) of 42 in. high protection.

—Doka, [www.doka.com](http://www.doka.com)

## EFCO POWER TOWER PT-100

EFCO's POWER TOWER® PT-100 is a self-climbing, high-strength steel formwork system for efficient construction of reinforced concrete building cores. POWER TOWER PT-100 is lifted using 16 ft (4.9 m) single-stroke, computer-controlled hydraulic cylinders that can fully cycle a typical floor height in under 20 minutes. Each cylinder has its own power unit. When not cycling, the system is supported by brackets anchored to the wall. Depending on jobsite conditions, a portion or all of the trailing level can be decked over. The formwork can roll back up to 2 ft 6 in. (762 mm), inside and out, to provide ample space between the formwork and the wall. Hydraulic-powered, retractable stripping corner forms save time and labor. Another labor-friendly feature is the system's 8 ft (2.4 m) wide working deck, which provides freedom of movement for both workers and materials. Workers can also stage materials on the deck for enhanced productivity. POWER TOWER PT-100 can be controlled with a pendant control, a wireless go-anywhere remote, a central control console with a 10 in. (250 mm) touch-screen display, or a global pendant control. The data and power management system are contained in one compact frame-protected structure. For more details, a video is available at [www.efcoforms.com/products/self-climbing/power-tower](http://www.efcoforms.com/products/self-climbing/power-tower).

—EFCO, [www.efcoforms.com](http://www.efcoforms.com)

