

## Extendable Arm on Bobcats

Bobcat brings innovation to compact equipment with the introduction of a new extendable arm option for the M-Series E55 compact excavator.

The extendable arm is a telescoping arm that provides the best of both worlds—power and reach. The new extendable arm option provides an additional 30 inches of reach, when fully extended. The new option is also the first extendable arm for compact excavators in this size class that allows the use of the hydraulic clamp and Hydraulic X-Change attachment mounting system.

### Clamp Capability

The new extendable arm option also allows for the use of a hydraulic clamp, something not possible with any compact excavator extendable arm on the market. The clamp capability is a perfect solution for contractors wanting to pick up and place material such as rocks, landscaping materials and debris in site preparation applications.

The extendable arm cylinder is operated through a rocker style thumb switch located on the joystick. This allows for fast and simple



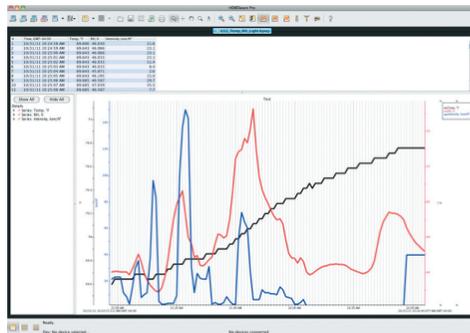
movements for extending and retracting the arm. At full extension, the overall length of the arm also simplifies the task of creating flat-bottom trenches for water and sewer utility installations.

The extendable arm maintains the versatility of operating attachments. A unique retention pin holds the arm in the retracted position, allowing use of up to 16 different attachments. Bobcat's extendable arm also accommodates the optional Hydraulic X-Change mounting system, which allows for even faster attachment changes.

## Onset Data Logging

Onset now offers the HOBOWare 3.3, a new version of the company's graphing and analysis software that dramatically speeds up deployment time in energy and environmental monitoring projects.

HOBOWare 3.3 includes a number



of time-saving key features include: 1) Batch configuration and readout – With HOBOWare 3.3, users configure and readout multiple data loggers in a fraction of the time it would take with previous generations; 2) Pre-launch filtering and scaling – These tools enable users to pre-configure their data loggers so upon readout, the data will display max/min/average readings at set intervals (per hour/per day), and will be automatically plotted to scale in real-world engineering units; 3) Bulk export – This enables users to quickly and easily export HOBOWare files to text format for use in Microsoft Excel and other programs. The tool automates file naming and management tasks to streamline the export process and save time.

Visit [www.onsetcomp.com](http://www.onsetcomp.com), or call 800-564-4377 / 508-759-9500

## Farmall Legacy Ultra-Value

Value and options are two words that best describe the new Case IH Farmall 100A Series tractors. The new line joins the Farmall A, B and C utility tractors as an ultra-value option in the Case IH utility tractor lineup. Available in four models, these tractors offer from 90 to 115 PTO horsepower.

The Case IH Farmall 100A Series tractors come standard with a three-point hitch that has a lift capacity of up to 7,200 lbs. A fixed-displacement pump hydraulic system offers a total hydraulic flow of 31 gpm.

These tractors pack a powerful punch with 4.5-liter engines running the Farmall 110A and 120A and a 6.7-liter engine powering the Farmall 125A and 140A. Mechanical fuel injection triggers both of the turbocharged engines, which have two valves per cylinder and a dual-element air filter.

An 8x8 power shuttle transmission comes standard on the Case IH Farmall 100A Series, making them ideal for loader work. An optional 8x8 synchronized mechanical reverse transmission, or a 16x8 power shuttle transmission with high-low clutch, also are available.

Customers can choose either two-wheel or mechanical-front drive



The new Case IH Farmall 100A tractors are the ultra-value option for producers. The tractors can be configured with a wide range of options, features and attachments to help producers get any job done.

and open ROPS or cab versions of the Case IH Farmall 100A models.

Like all tractors in the Farmall family, the Case IH Farmall 100A Series tractors are available with a wide variety of additional attachments, including material buckets, bale handling, and lifting attachments.



## Orthman Shadow Tracker

**DESCRIBED AS “A GROUND-ENGAGING, GPS-controlled steering system that works in conjunction with the tractor guidance system to position an implement with sub-inch accuracy,”** the Orthman GPS Shadow Tracker was recently selected as one of 50 recipients of the prestigious American Society of Agricultural Engineers (ASAE) AE50 Awards for 2011.

The award was presented to Ryan Hulme, Orthman design engineer for the project, during the ASABE Agricultural Equipment Technology Conference held in Atlanta, Ga., in conjunction with the Ag Connect Expo. The winners were also highlighted in the March/April 2011 special AE50 issue of ASABE's magazine, Resource: Engineering & Technology for a Sustainable World.

Visit [www.orthmanag.com](http://www.orthmanag.com).

## Fertilizer Institute New Website

**THE 4R PHILOSOPHY IS** an innovative and science-based approach that offers enhanced environmental protection, increased production, increased farmer profitability and improved sustainability. The concept is to use the right fertilizer source, at the right rate, at the right time, with the right placement. Implications of the 4R nutrient stewardship system will spread far and wide through agriculture and society as a whole. For fertilizer use to be sustainable, it must support cropping systems that provide economic, social and environmental benefits. Enhanced understanding, adoption and promotion of 4R stewardship is the goal of the sponsors of this website. To help address this challenge, The Fertilizer Institute (TFI) has been working collaboratively with the International Plant Nutrition Institute (IPNI), the International Fertilizer Industry Association and the Canadian Fertilizer Institute (CFI) to advance the 4R nutrient stewardship initiative. Two goals within the initiative include establishing 4Rs as a recognizable strategy for economic, social and environmental sustainability and expanding the adoption of 4R nutrient stewardship as well as the awareness of these efforts to federal and state program officials. Visit [www.nutrientstewardship.com/about](http://www.nutrientstewardship.com/about)

## USDA Increases Sugar Import Quota

**THE USDA SAID IN** April it will increase sugar imports this year, giving the raw sugar market a mild boost as the trade mulled where the sweetener would come from. The USDA said the extra imports will offset domestic sugarcane lost in Florida in January, when a hard freeze hit the state.

## BASF Lube

**BASF OFFERS A BROAD** range of lubricant additives, synthetic base stocks and compounded synthetic lubricants. BASF's lubricant additives help protect against oxidation and minimize rust and wear, ensuring stable, reliable performance. Its synthetic lubricants portfolio consists of high performance products that can help extend drain intervals and improve energy efficiency.

It is for use in many lubricant applications including gear oils, fire resistant hydraulic fluids, quenchants, metal-working fluids, aluminum processing fluids, chain and textile lubricants. Their high thermal and oxidative stability, excellent lubricity, high-load capacity, anti-wear properties and shear stability make them an ideal choice as base stock for formulating high-performance industrial lubricants. ■

