



ExtSTAR

Extrusion Scheduling, Tracking, Analysis and Reporting

Does your production information system provide all the tools you need for measuring productivity and keeping you informed about the successes and emerging challenges in your business? Is your scheduling system accurate enough to let you achieve a 98% on-time shipment record? Is your mission-critical software optimized for your industry? Are your planning, scheduling, customer service and invoicing systems efficient enough to let you avoid adding personnel for these functions even if your volume increases by up to 50%?

If you can't answer "YES" to these questions, then ExtSTAR™ may be what you need to move your business to the next level of efficiency, productivity and profitability.



Developed specifically for planning, scheduling, measuring and optimizing extrusion operations, ExtSTAR is the one tool you need to manage production, inventory and information from order entry through invoicing. In use for over 12 years, it's a proven

ACCURATE EXTRUSIONS, INC. Production Comparison Page 1 of 3
Date Range: 1/01/2007 to 4/30/2008 Date: Apr 23, 2008 12:34 PM

Lbs/Hr at least 5% Below Avg. Below 10% Performance

Date	Profile #	Customer	Press	Prod Time	Downtime	Billet Ct	Billet Weight	w/Downtime	Lbs/Hr	Avg Lbs/Hr	Last 12 Months
1/25/2007	11088	SCHULAR INDUSTRIES	1	25	00	8	564	1,354	2,537		
4/02/2007	11088	SCHULAR INDUSTRIES	1	130	00	30	2,707	1,895	2,537		
				05	00	1	90	1,080	2,537		
				315	10	11	1,098	321	2,537		
				22	10	17	1,615	2,769	2,773		
				55	10	29	2,828	2,610	2,773		
				15	05	2	199	567	2,773		
				25	05	23	2,292	4,584	2,773		
				7.2	0.7	118	11,381	1,438			

Customer Parts

Customer: 1001 GENERAL PRODUCTS, INC. Active

Customer Part Number: T3000-80 Part Type: Standard

Description: ROUND TUBE

Die Profile Number: 12912 Part Length: 80.000000 8' 0"

Alloy: 6061 Length Tolerance: 0.000000

Temper: T6 Length Tolerance: 0.000000

Billet Type: S Length Tolerance: 0.000000

Anodize: Pack P1001

Certification: Cooling AF

Substitute for: Scrap Weight

Revision: Rough Scrap Weight

Notes Planning Processes Bill of Materials Comments

solution that sets a high standard for reliability, usability and functionality.

Visit the KRAHE InfoSystems web site at KRAHE-IS.com to learn more, or contact KRAHE InfoSystems today to request more detailed information or arrange a demonstration of ExtSTAR's capabilities.

In the U.S. call toll-free
1-888-KRAHEIS
(1-888-572-4347)

International Phone: (USA) 616-901-1730

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Components	Benefits (EA! denotes ExtSTAR Advantage features not found in other extrusion industry software)
+ Order Entry	<ul style="list-style-type: none"> EA! Shop Orders can include multiple line items to ease scheduling and reduce entry of redundant order data
+ Planning	<ul style="list-style-type: none"> Computes optimum billet length for small and large orders
+ Scheduling	<ul style="list-style-type: none"> Computes an accurate weekly schedule for each press using the most recent production rate of scheduled profiles EA! Daily scheduling tool uses intuitive drag & drop interface; alerts operators to billet shortages, late orders and multiple orders for the same profile
+ Billet & Log Inventory	<ul style="list-style-type: none"> Inventory is automatically relieved as production is posted Sums billet and log requirements six weeks into the future
+ Product Database	<ul style="list-style-type: none"> Customer Part database stores length, tolerances, alloy, temper, cooling specifications, production and finishing processes, notes and packing instructions for each part EA! Profile database stores billet temperatures, extrusion speeds and notes specific to each press, alloy and temper EA! PDF profile drawing viewer included at no extra cost
+ Production Data	<ul style="list-style-type: none"> The ShopStation application is optimized for touch-screen use and captures data on the shop floor including production time, down time, billets extruded and final piece quantity, enabling near-realtime production reporting Interfaces with process control systems like SMS Meer's PICOS for exchange of production information EA! Down time is classified as production or non-production for more accurate productivity reporting
+ Management Reporting	<ul style="list-style-type: none"> Production reports show billet quantity, weight, production rate (lbs/hr) and backstock (retained scrap) by press, date, shift, profile, die, alloy and customer, for any date range Sales report shows avg. price by month and year-to-date EA! Integrated BIRT reporting tool lets you create custom reports and combine ExtSTAR data with other sources
+ Packing Tickets	<ul style="list-style-type: none"> Packing tickets are generated with the included Packing Tickets application right at the pack station
+ Quality Module	<ul style="list-style-type: none"> Generates Material Certificates including chemical analysis and pull test results; flags out-of-spec tests and billets
+ Outside Processing	<ul style="list-style-type: none"> EA! Optional module provides a web server for vendors to report material processed, providing timely and detailed traceability and reducing data entry effort and errors Supports order entry and tracking of assemblies
+ Pricing, Invoicing & Shipping Documents	<ul style="list-style-type: none"> EA! Optional rule-based Automatic Pricing module generates all extrusion, setup and other charges for every order for any customer; generates customer price lists, supports contract pricing and computes contract fulfillment Invoices generated directly from in-house packing tickets and those supplied by vendors using Outside Processing Shipping documents can be generated from any invoice
+ ExtSTAR Server	<ul style="list-style-type: none"> Generates and distributes order acknowledgments, invoices, price lists and other documents to customer or vendor contacts via e-mail on a user-defined schedule