

# FLEXCUT® COMPARISON GUIDE



PRODUCT	FlexCut® 35	FlexCut® 35 Air	FlexCut® 45	FlexCut® 65	FlexCut® 85	FlexCut® 105	FlexCut® 125
RECOMMENDED	1/4 in [6 mm]	1/4 in [6 mm]	5/8 in [16 mm]	3/4 in [19 mm]	1 in [25 mm]	1 1/4 in [32 mm]	1 1/2 in [38 mm]
MAXIMUM	3/8 in [10 mm]	3/8 in [10 mm]	7/8 in [22 mm]	1 in [25 mm]	1 1/4 in [32 mm]	1 1/2 in [38 mm]	1 3/4 in [44 mm]
SEVERANCE	1/2 in [13 mm]	1/2 in [13 mm]	1 in [25 mm]	1 1/4 in [32 mm]	1 1/2 in [38 mm]	2 in [51 mm]	2 1/4 in [57 mm]
PIERCE THICKNESS	N/A	N/A	1/2 in [13 mm]	5/8 in [16 mm]	3/4 in [19 mm]	7/8 in [22 mm]	1 in [25 mm]
GOUGING RATE	N/A	N/A	7.5 lbs/hr	9 lbs/hr	10 lbs/hr	11.5 lbs/hr	14 lbs/hr
AIR SUPPLY TYPE	External	Internal or External	External	External	External	External	External
NET WEIGHT	26.6 lbs	35 lbs	26.8 lbs	76.3 lbs	78.1 lbs	90.6 lbs	88.4 lbs
INPUT POWER	120/240/1/50/60	120/240/1/50/60	120-240/1/50/60	200-240/1/50/60 200-600/3/50/60	200-240/1/50/60 200-600/3/50/60	200-600/3/50/60	480-600/3/50/60
OUTPUT RANGE	15A-35A	15A-35A	15A-45A	20-65A	25A-85A	30A-105A	30A-125A
HANDHELD DRAG CUTTING	●	●	●	●	●	●	●
GRID CUTTING	●	●	●	●	●	●	●
PLASMA GOUGING			●	●	●	●	●
MECHANIZED CUTTING			●	●	●	●	●
EXTENDED CUTTING			●	●	●	●	●
PRECISION CUTTING	●		●	●	●	●	●
MARKING			●	●	●	●	●

#### C U S T O M E R A S S I S T A N C E P O L I C Y

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to [www.lincolnelectric.com](http://www.lincolnelectric.com) for any updated information.