

AUTOMATIC CANBODY WELDERS



ADVANCED
TECHNOLOGY
AND SERVICES

FAST RETURN ON
INVESTMENT

EASY TO HANDLE,
OPERATE AND
MAINTAIN



Soudronic

Technology that keeps you ahead

CANBODY WELDERS

HIGH-SPEED CANBODY WELDERS UP TO 900 CPM

TYPE	SOUCAN 1090 FB	SOUCAN 1080 FB	SOUCAN 1075 AF	SOUCAN 870 FB	SOUCAN 860 AF
Production max. [cpm]*	900	800	750	700	600
Body Diameter [mm]	52–99	52–99	45–154	52–99	45–154
Body Height [mm]	76–150	76–150	64–262	76–150	64–320
Sheet Thickness [mm]	0.14–0.25	0.14–0.25	0.14–0.31	0.14–0.25	0.14–0.31
Copper Wire Dia. [mm]*	1.24/1.38	1.24/1.38	1.24/1.38/1.5	1.24/1.38	1.24/1.38/1.5
Calibration Tool	UNITOOL	UNITOOL	UNITOOL	UNITOOL	UNITOOL
Welding Speed [m/min.]*	max. 115	max. 115	max. 115	max. 90	max. 90

*Depends on can size and material quality

MEDIUM-SPEED CANBODY WELDERS UP TO 500 CPM

TYPE	SOUCAN 650	SOUCAN 640	SOUCAN 630	SOUCAN 625	SOUCAN 620
Production max. [cpm]*	500	400	300	250	200
Body Diameter [mm]	45–200	45–200	45–200	45–200	45–200
Body Height [mm]	50–320	50–320	50–320	50–320	50–320
Sheet Thickness [mm]	0.14–0.31	0.14–0.31	0.14–0.31	0.14–0.31	0.14–0.31
Copper Wire Dia. [mm]*	1.24/1.38/1.5	1.24/1.38/1.5	1.24/1.38/1.5	1.24/1.38/1.5	1.24/1.38/1.5
Calibration Tool**	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Welding Speed [m/min.]*	max. 70	max. 60	max. 60	max. 60	max. 45

*Depends on can size and material quality **UNITOOL as an option

UNICONTROL CONTROL SYSTEM

Soudronic UNICONTROL Control System represents one of the most innovative new developments for the three-piece canmaking industry.

UNICONTROL incorporates:

- Graphic WINDOWS surface touch-screen operating panel
- Revolutionary decentralised intelligent control units
- Line control
- Demo-version for desktop PC available



New UNICONTROL Control System

LOW-SPEED CANBODY WELDERS UP TO 180 CPM

TYPE	AFB 118	AFB 115	SOUCAN 112	SOUCAN 110	SOUCAN 108	SOUCAN 106
Production max. [cpm]*	180	150	120	100	80	60
Body Diameter [mm]	45 – 113	45 – 113	65 – 185	65 – 185	65 – 185	65 – 185
Body Height [mm]	65 – 320	65 – 320	50 – 350	50 – 350	50 – 350	50 – 350
Sheet Thickness [mm]	0.16 – 0.3	0.16 – 0.3	0.18 – 0.31	0.18 – 0.31	0.18 – 0.31	0.18 – 0.31
Copper Wire Dia. [mm]*	1.38/1.5	1.38/1.5	1.38/1.5	1.38/1.5	1.38/1.5	1.38/1.5
Calibration Tool	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Welding Speed [m/min.]*	max. 42	max. 22	max. 25	max. 25	max. 25	max. 25

*Depends on can size and material quality

LOW-SPEED CANBODY WELDERS WITH LIFTING TABLE

TYPE	SOUCAN 112-LT	SOUCAN 110-LT	SOUCAN 108-LT	SOUCAN 106-LT
Production max. [cpm]*	120	100	80	60
Body Diameter [mm]	99 – 330	99 – 330	99 – 330	99 – 330
Body Height [mm]	50 – 540	50 – 540	50 – 540	50 – 540
Sheet Thickness [mm]	0.18 – 0.6	0.18 – 0.6	0.18 – 0.6	0.18 – 0.6
Copper Wire Dia. [mm]*	1.38/1.5/1.6	1.38/1.5/1.6	1.38/1.5/1.6	1.38/1.5/1.6
Calibration Tool	STANDARD	STANDARD	STANDARD	STANDARD
Welding Speed [m/min.]*	max. 25	max. 25	max. 25	max. 25

*Depends on can size and material quality

SEMI-AUTOMATIC CANBODY WELDERS

TYPE	AFB 002
Production max. [cpm]*	semi-automatic
Body Diameter [mm]	52 – 330
Body Height [mm]	50 – 360
Sheet Thickness [mm]	0.16 – 0.32
Copper Wire Dia. [mm]*	1.38/1.5
Calibration Tool	—
Welding Speed [m/min.]*	max. 15

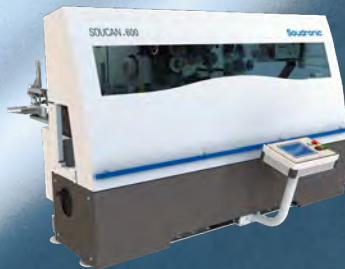
*Depends on can size and material quality



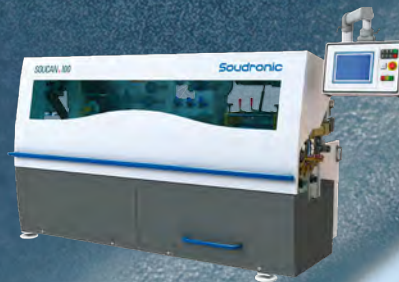
SOUCAN 1090 FB
SOUCAN 1080 FB
SOUCAN 870 FB



SOUCAN 1075 AF
SOUCAN 860 AF



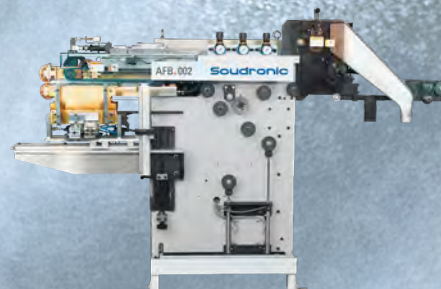
SOUCAN 650 / SOUCAN 640
SOUCAN 630 / SOUCAN 625
SOUCAN 620



SOUCAN 112 / SOUCAN 112-LT
SOUCAN 110 / SOUCAN 110-LT
SOUCAN 108 / SOUCAN 108-LT
SOUCAN 106 / SOUCAN 106-LT



AFB 118 / AFB 115



AFB 002

FEATURES & OPTIONS



SOUDRONIC EXPERIENCE

- Innovation combined with years of profound experience

NEW MODULAR DESIGN

- Flexible machine concept, thus investments depending on your exact requirements
- Machine components are interchangeable within the same machine family

IMPROVED QUALITY CONTROL

Optional weld monitors ensure a top-quality and reliable production.

HIGH EFFICIENCY IN PRODUCTION

- Rapid changeover of can heights and diameters
- Instant restart due to automatic synchronisation and recall of stored parameters

EASY OPERATION & MAINTENANCE

- Reduced maintenance
- Position-controlled servo-motors eliminating mechanical gear boxes and manual synchronisation
- Programmable and reproducible standard settings of all machine parameters
- Fast access to all machine key components
- Repeatable mechanical settings with gauges

SUBSTANTIAL SAVINGS

- Less wear and tear
- Fewer spare parts to store
- Low energy consumption

NEW INDUSTRIAL STANDARDS WITH HIGH RELIABILITY

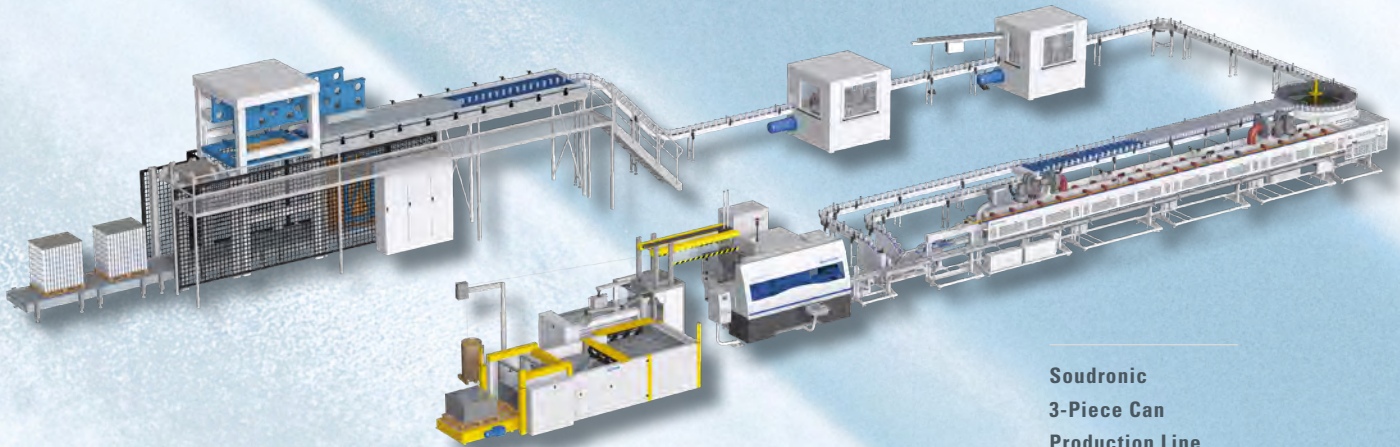
Since the launch of the new generation of welders, customers all over the world have confirmed today their considerable satisfaction on an outstanding and a high machine reliability combined with an economical and an efficient production. New industrial standards have been set in the manufacture of canbodies worldwide.

AVAILABLE OPTIONS

- Oxid-free weld seam
- Scoring
- DISCON (depending on welder type)
- Monitor OCR-R: Over-current reduction system for wire and machine protection including reject can control
- Monitor SWM-2: Energy and heat channel including OCR-R functions

COMPLETE PRODUCTION LINES

SOUDRONIC – A RELIABLE PARTNER WITH MORE THAN 50 YEARS OF EXPERIENCE IN DESIGNING AND ENGINEERING RESISTANCE WELDING MACHINES FROM LOWEST TO HIGHEST PRODUCTION SPEEDS AS WELL AS COMPLETE CAN PRODUCTION LINES.



**Soudronic
3-Piece Can
Production Line**

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Soudronic
Technology that keeps you ahead