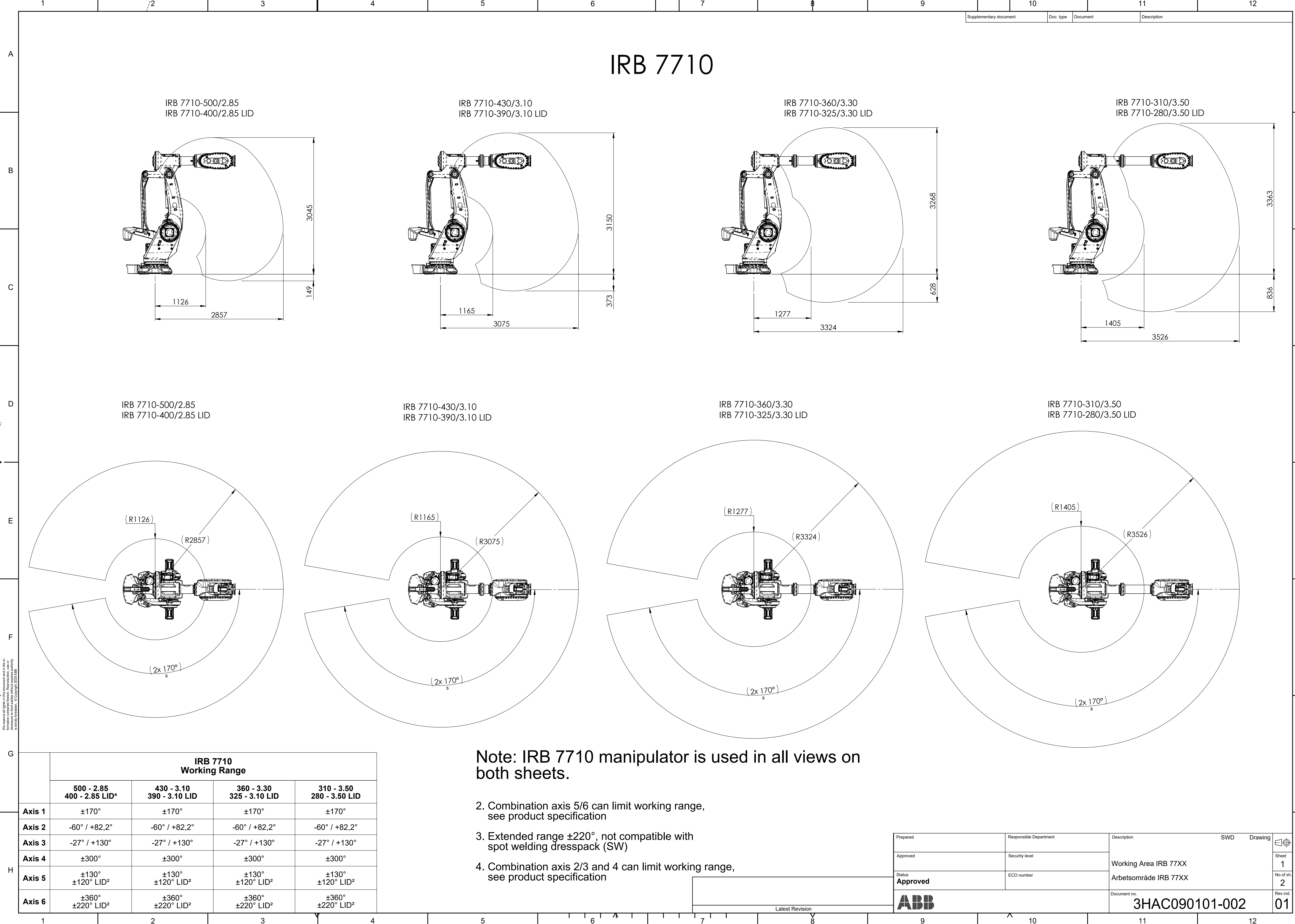




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Supplementary document

Doc. type

Document

Description

A

B

C

D

E

F

G

H

IRB 7720

IRB 7720-620/2.90
IRB 7720-560/2.90 LID

112929042603119

IRB 7720-530/3.10
IRB 7720-480/3.10 LID

118231234223172

IRB 7720-510/3.30
IRB 7720-400/3.30 LID

127733246283268

IRB 7720-450/3.50
IRB 7720-400/3.50 LID

140535268363363

IRB 7720-620/2.90
IRB 7720-560/2.90 LID

(R1129)(R2904)(2x 170°)

IRB 7720-530/3.10
IRB 7720-480/3.10 LID

(R1182)(R3123)(2x 170°)

IRB 7720-510/3.30
IRB 7720-400/3.30 LID

(R1277)(R3324)(2x 170°)

IRB 7720-450/3.50
IRB 7720-400/3.50 LID

(R1405)(R3526)(2x 170°)

IRB 7720
Working Range

	620 - 2.90 560 - 2.90 LID ⁴	530 - 3.10 480 - 3.10 LID	510 - 3.30 400 - 3.10 LID	450 - 3.50 400 - 3.50 LID
Axis 1	±170°	±170°	±170°	±170°
Axis 2	-60° / +82,2°	-60° / +82,2°	-60° / +82,2°	-60° / +82,2°
Axis 3	-27° / +130°	-27° / +130°	-27° / +130°	-27° / +130°
Axis 4	±300°	±300°	±300°	±300°
Axis 5	±130° ±120° LID ²	±130° ±120° LID ²	±130° ±120° LID ²	±130° ±120° LID ²
Axis 6	±360° ±220° LID ²	±360° ±220° LID ²	±360° ±220° LID ²	±360° ±220° LID ²

Note: IRB 7710 manipulator is used in all views on both sheets.

2. Combination axis 5/6 can limit working range, see product specification

3. Extended range ±220°, not compatible with spot welding dresspack (SW)

4. Combination axis 2/3 and 4 can limit working range, see product specification

Prepared

Approved

Status

Approved

ABB

Responsible Department

Security level

ECO number

Description

Working Area IRB 77XX

Arbetsområde IRB 77XX

Document no.

3HAC090101-002

SWD

Drawing

Sheet

2

No of sh.

2

Rev.ind.

01