



## Application

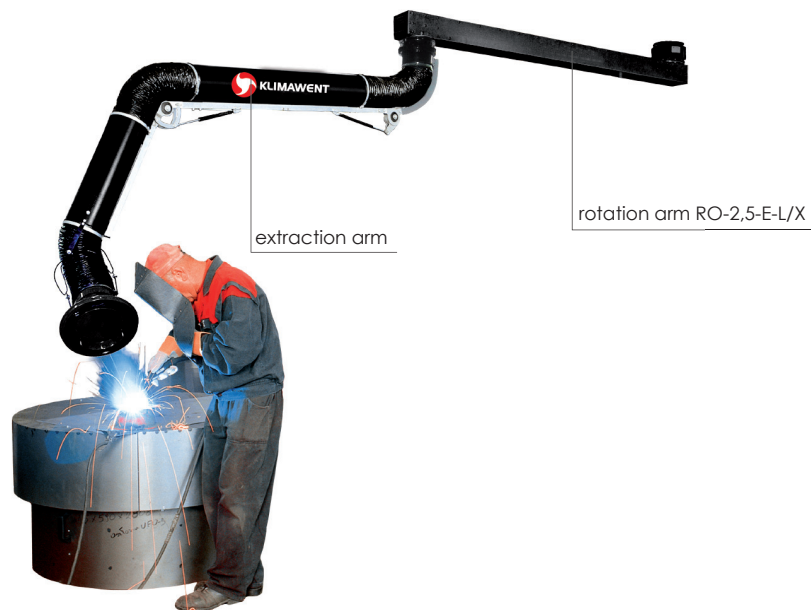
Extension arms are enhancing the work range of the hanging ERGO extraction arms.

In the basic version, at the end of the extension arm is fastened an ERGO extraction arm. Whereas, in the "broken" version – ERGO arm has to be fastened at the end of the set consisting of two extension arms.

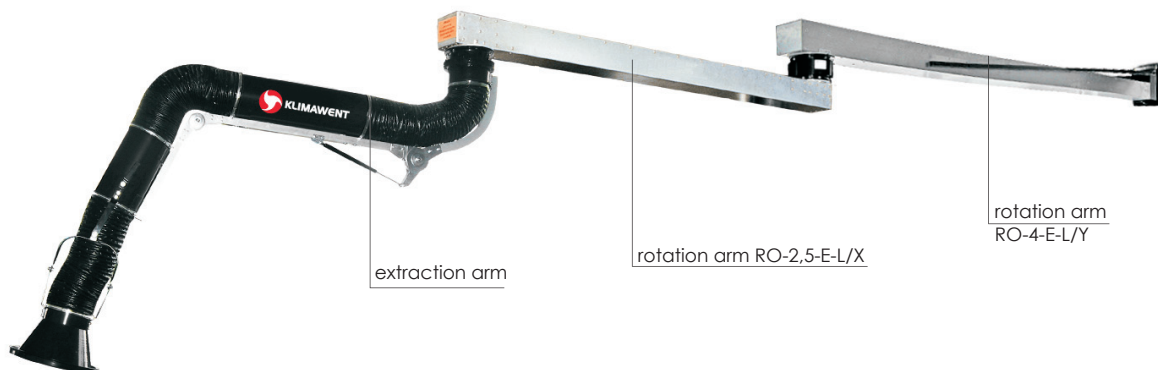
## Structure

The extension arm consists of a bearing swivel and the steel duct of rectangular section. Arms RO-L/X of range 1,5 and 2,5 are equipped with swivels made of cast aluminium rings with roller bearing, whereas the other arms are featured by steel swivels with slide bearings. Their torsion resistances are minimum, therefore they provide easy manoeuvring with the extension arm within the work area.

A set of arms in basic version. Extension arm RO-2,5-E-L/X and ERGO extraction arm.



A set of arms in a "broken" version. Extension arm RO-4-E-L/Y, extension arm RO-2,5-E-L/X and ERGO extraction arm.

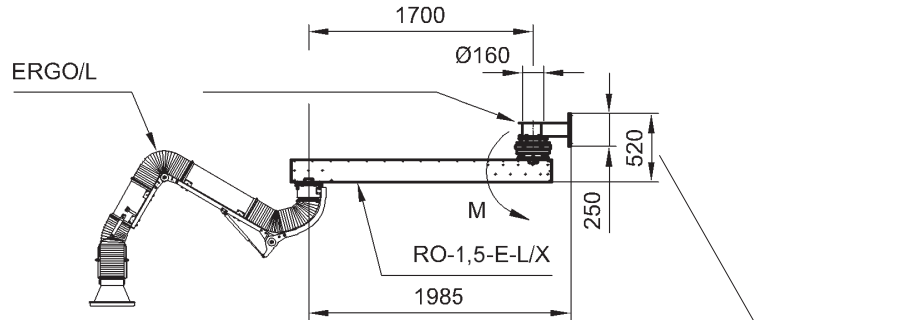




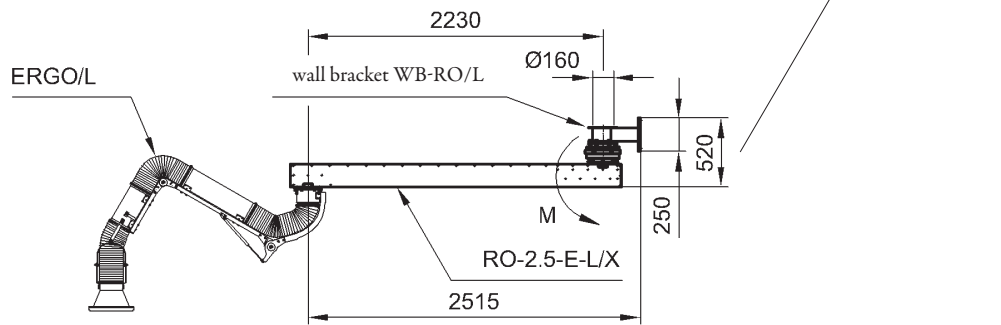
### Extension arms type RO-E-L/X

Extension arm type RO-E-L/X is adapted to connect the ERGO-L extraction arm at its free end. The extension arm has to be mounted to the wall of the room by means of a WB-RO/L wall bracket, (in case of RO-1,5 and RO-2,5 arms) or directly installed to the wall (RO-4-E-L/X).

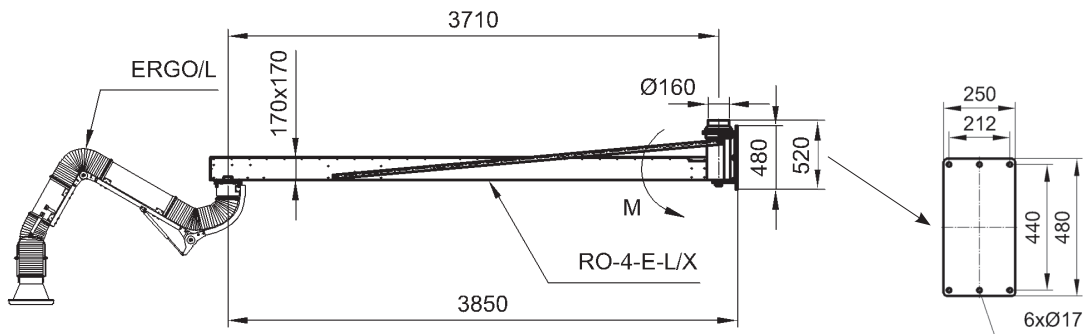
#### Rotation arm RO-1.5-E-L/X



#### Rotation arm RO-2.5-E-L/X



#### Rotation arm RO-4-E-L/X



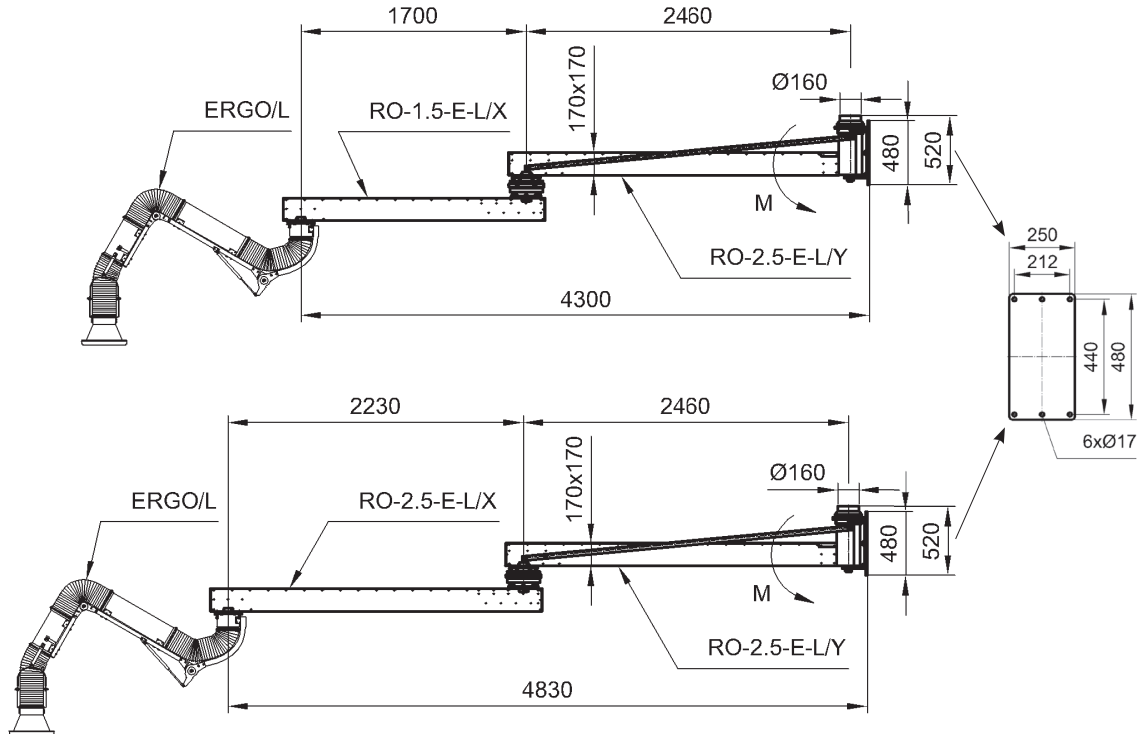
M – maximum moment charging the extension arm – see table "Technical Data".



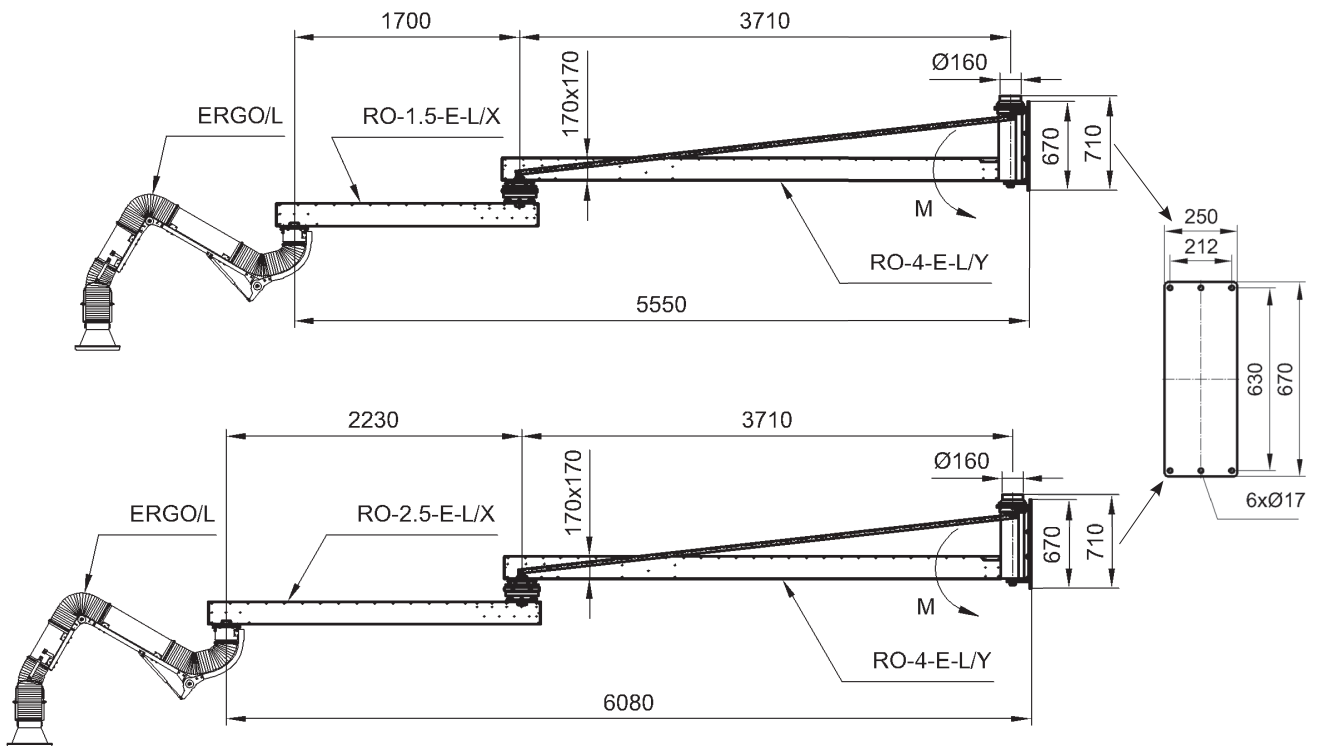
### Ramiona obrotowe typ RO-E-L/Y

Extension arm RO-E-L/Y – has been designed for connection the RO-1,5-E-L/X, RO-2,5-E-L/X extension arm and simultaneously the ERGO-L extraction arm. The extension arm has to be mounted directly to the wall.

#### Rotation arm RO-2.5-E-L/Y



#### Rotation arm RO-4-E-L/Y



The WB-RO/L bracket serves to install the extension arms – RO-1,5-E-L/X; RO-2,5-E-L/X. Wall bracket does not constitute standard equipment of the extension arm – it has to be ordered separately.

M – maximum moment charging the extension arm – see table "Technical Data".



## Technical data

Type	Part No.	Connection diameter [mm]	Weight [kg]	Maximum moment M [Nm]
RO-1.5-E-L/X	811R16	160	46	1400
RO-2.5-E-L/X	811R17		51	1700
RO-4-E-L/X	811R22		84	3100
RO-2.5-E-L/Y	811R21		68	4400
RO-4-E-L/Y	811R23		98	6400

Caution: Prior to installing the extension arm check if the load capacity of the wall (or other constructional element of the building) is sufficient to transmit the moment M, and it is also important to select the mounting bolts adequately.

## Flow charts of the RO extension arms

