Extraction arms RO

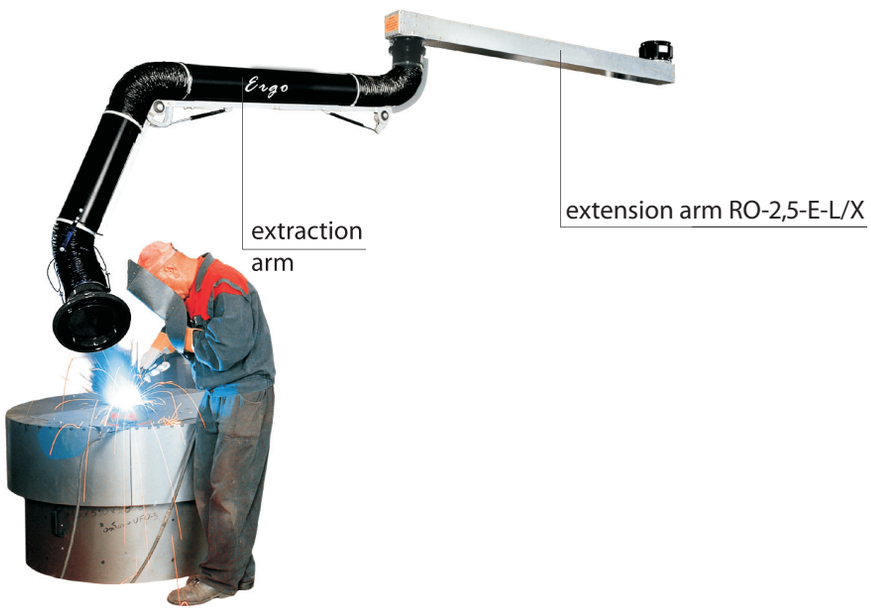
Application

Extension arms are increasing the work range of the ERGO extraction arms that are connected at their ends. In the basic version, at the end of the extension arm is fastened the ERGO extraction arm. In the "broken" version – the ERGO arm has to be fastened at the end of the set consisting of two extension arms.

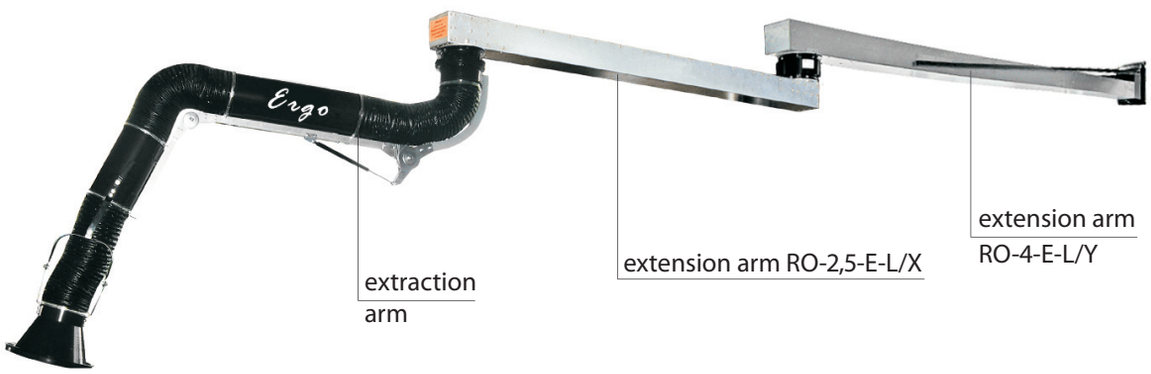
Structure

The extension arm consists of a swivel and the steel duct of rectangular section. Arms RO-L/X of range 1,5 and 2,5 have swivels made of cast aluminium rings with rolling bearing, whereas the other arms have steel swivels with slide bearings. The resistances are minimum, therefore it is easy to manoeuvre 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.



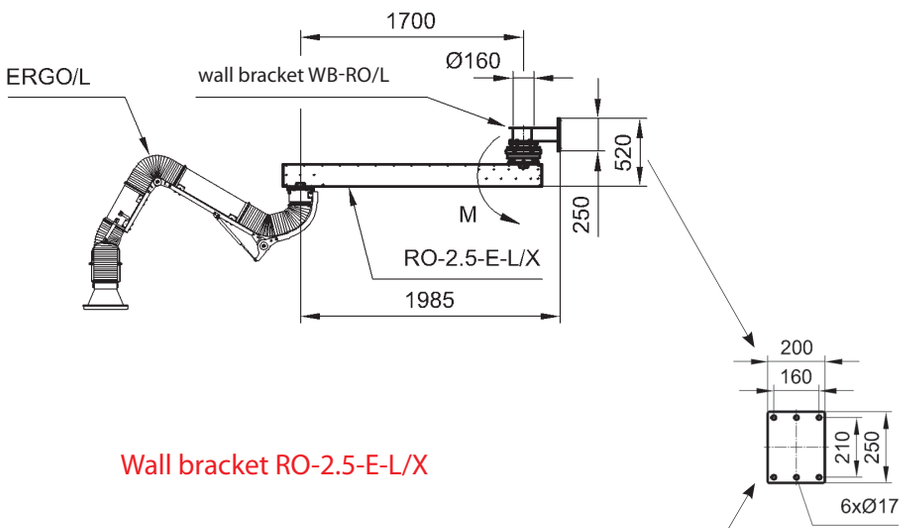
A set of arms in a "broken" version. Extension arm RO-4-E-L/Y, extension arm RO-2,5-E-L/X and ERGO extraction arm.



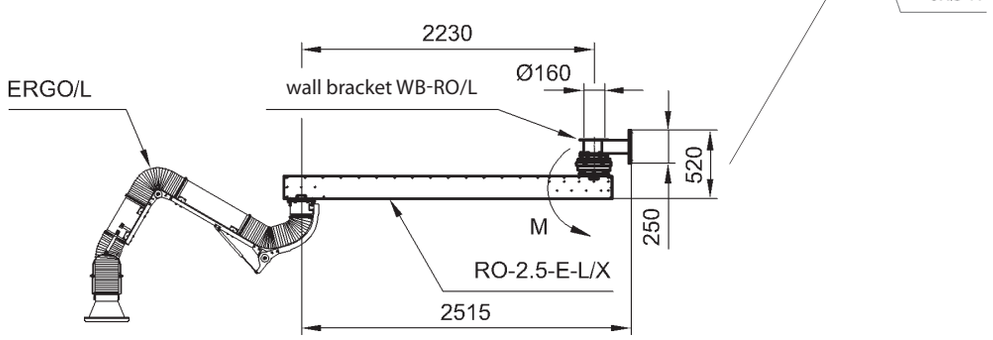
Extension arms type RO-E-L/X

Extension arms type RO-E-L/X are adapted to connect the ERGO-L arm at the free end. The swivel has to be mounted to the wall of the room through the wall bracket WB-RO/L when RO-1,5 and RO-2,5 arms are applied or mounted directly in case of the arm RO-4-E-L/X.

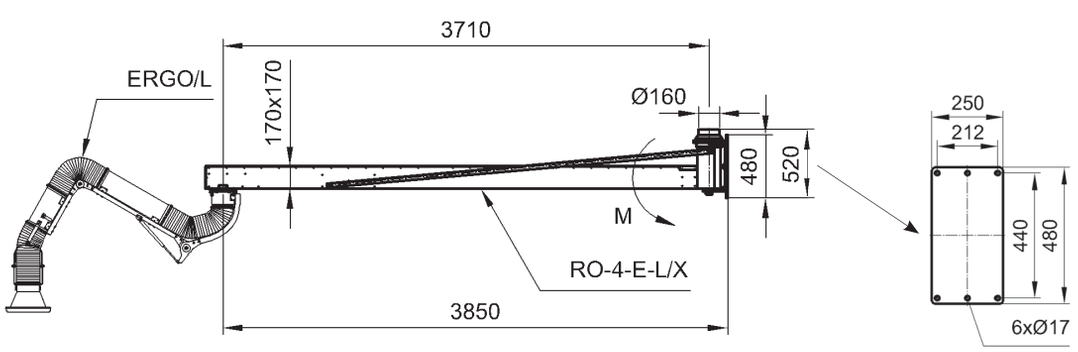
Wall bracket RO-1.5-E-L/X



Wall bracket RO-2.5-E-L/X



Wall bracket RO-4-E-L/X

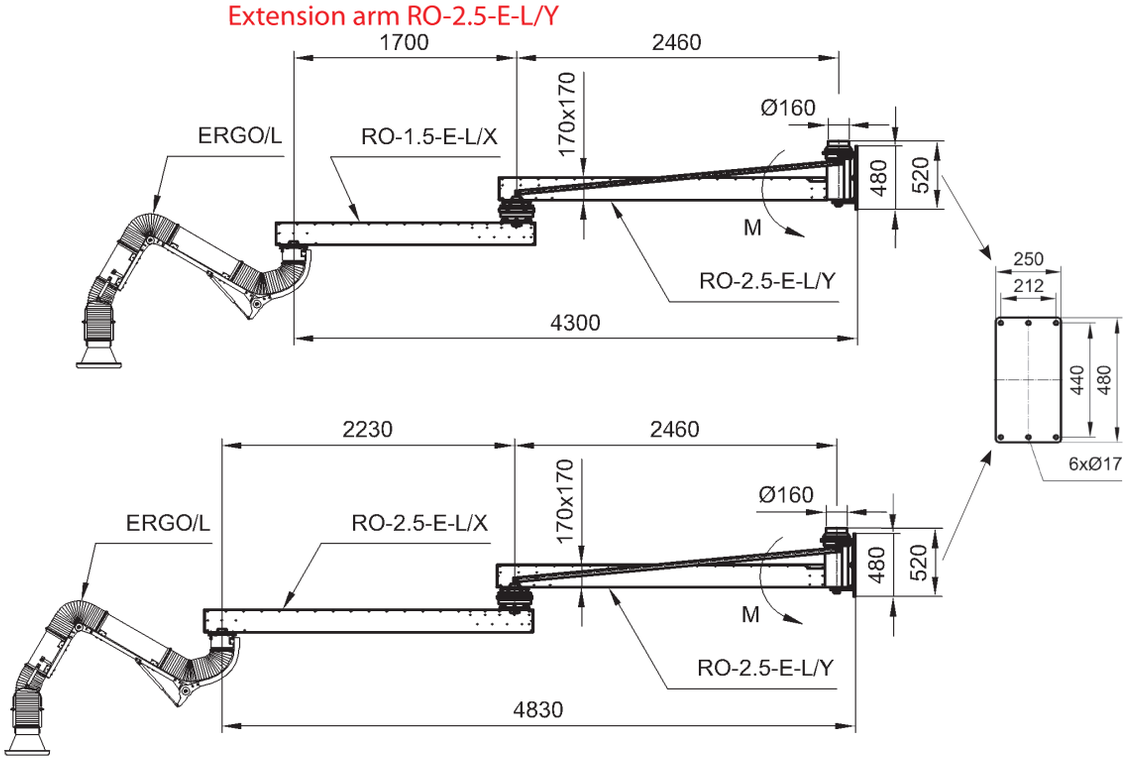


M – maximum moment charging the extension arm – see table "Technical Data".

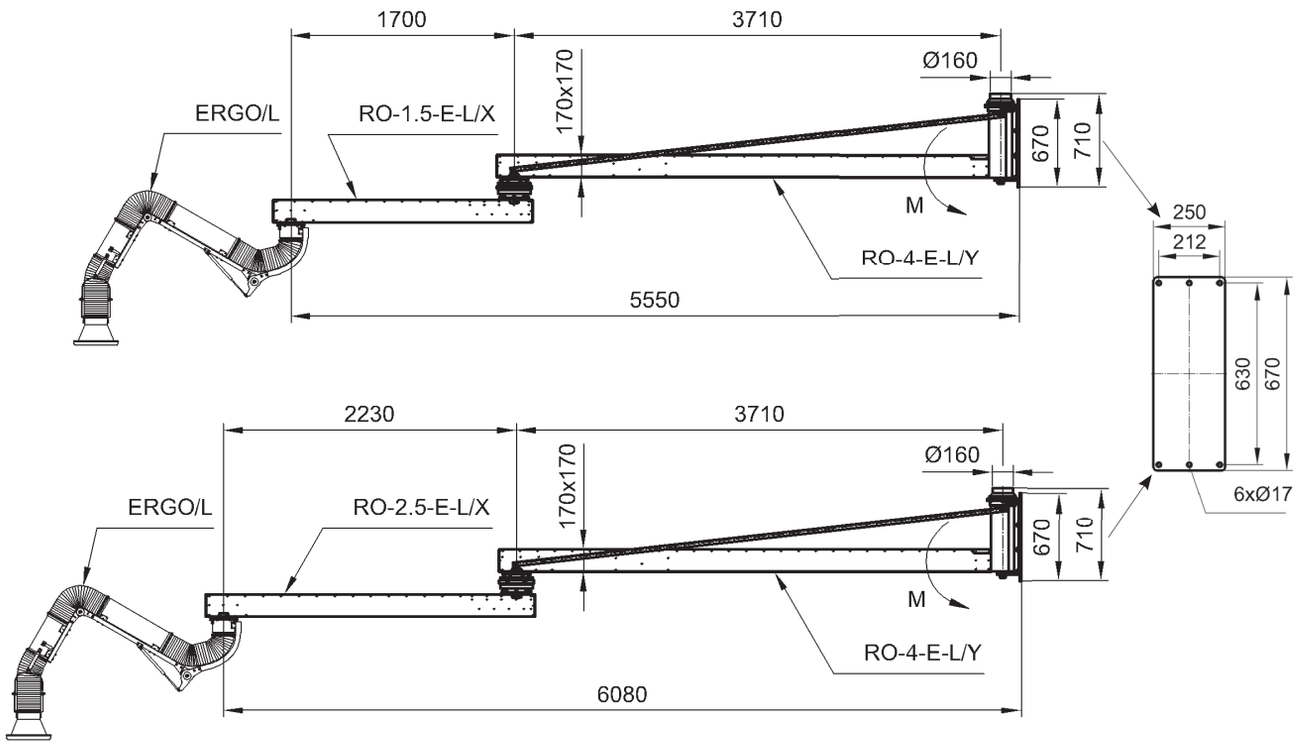
Ramiona obrotowe typ RO-E-L/Y

Extension arm RO-E-L/Y are adapted for connection the arm RO-1,5-E-L/X, RO-2,5-E-L/X and simultaneously the ERGO-L extraction arm. The swivel is directly mounted to the wall of the room.

Extension arm RO-2.5-E-L/Y



Extension 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.

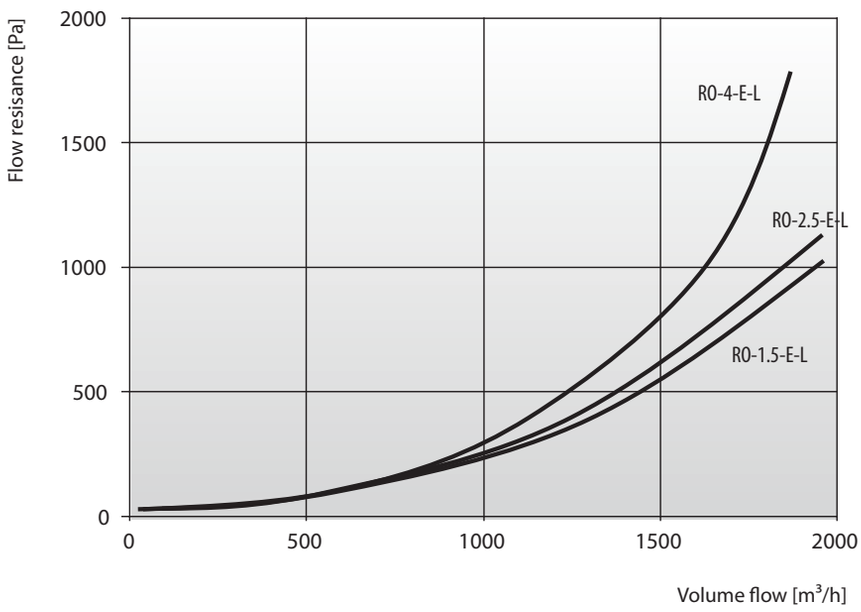
M – maximum moment charging the extension arm – see table "Technical Data".

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) is sufficient to transmit the moment m, and it is also important to select the mounting bolts.

Flow charts of the RO extension arms



Caution: Ordering the devices and the accessories specify their name and Part No.