

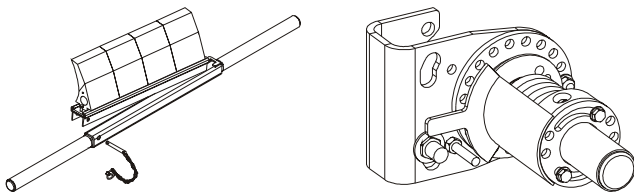
PRE-CLEANER

MAX3

MAX3 pre-cleaner removes residue that has adhered to the belt via a carving. It is a multi-blade cleaner and there are various blades types available for it according to the material being transported on the belt and the operating conditions.

The blade is made up of two different parts. When the Ecoblade-part has worn out, it is easy to be replaced to the Never change-fastening part operating as a spring. Most common material of the tip part is polyurethane. In abrasive materials is recommended to use polyurethane blade filled with aluminium oxide granules. In very difficult and abrasive conditions polyurethane blade with vitrified ceramic piece are used.

The automatically adjustable and constant-force CleverMax tightening device makes supervision of the wear on the blades possible directly from the service level.

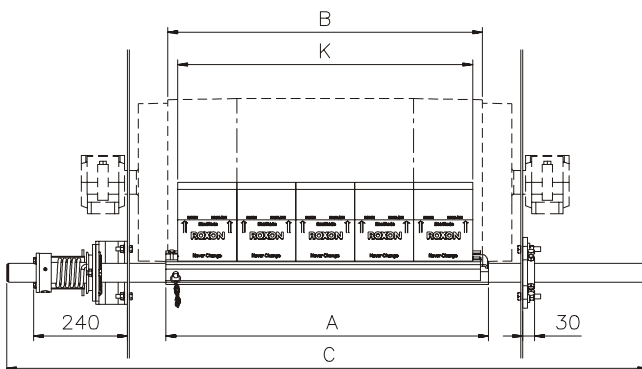


Detachable blade cassette

The detachable blade cassette of MAX - cleaners is easy to be replaced through the inspection opening on the chute wall. With an extra mounting profile, the whole "blade cassette" can be pre-assembled thus minimizing the actual replacement time.

CleverMax tightening device

It is possible to install an inductive sensor onto the tightening device that will monitor the wear and tear of the blades. The frame takes a $\varnothing 18$ sensor.



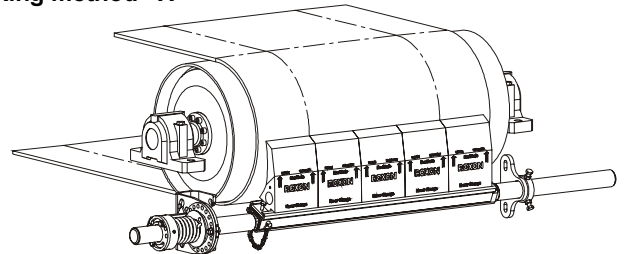
B	K	A	C	Blade (pcs)	Weight (kg)		
					Type X	Type E	Type L
400	300	370	1170	2	18	23	20
500	450	520	1320	3	19	25	22
650	600	670	1470	4	21	26	24
800	750	820	1620	5	23	28	25
1000	900	970	1770	6	25	30	27
1200	1050	1120	2020	7	27	32	30
1400	1350	1420	2320	9	31	36	33
1600	1500	1570	2470	10	32	38	35
1800	1650	1720	2620	11	34	39	37
2000	1950	2020	2920	13	38	43	40

ORDERING EXAMPLE: MAX3 - 1200 - T U - X A C

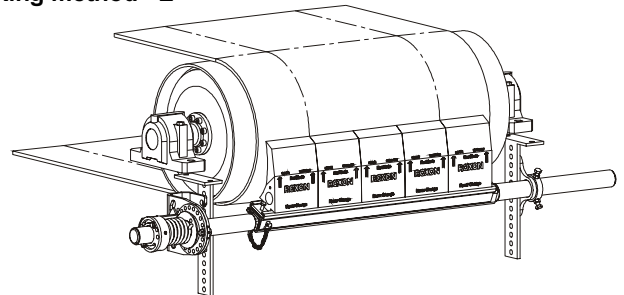
Type code	MAX3 - 1200 - T U - X A C
Belt width B (mm)	
Blade structure	T = DIVIDED (separate base and blade parts)
Blade material	U = POLYURETHANE A = POLYURETHANE + ALUMINUM OXIDE (Al ₂ O ₃) S = POLYURETHANE + VITRIFIED CERAMIC PIECE
Fixing method	X = BASIC FIXINGS E = UNIVERSAL FIXINGS L = SERVICE HATCH
Blade frame	A = ALUMINUM
Tightening alternative	C = CLEVERMAX TORSION SPRING

The sensor which monitors the wear and tear of the blades is not included in the standard shipment. It must be ordered separately. Other types of blades are also available.

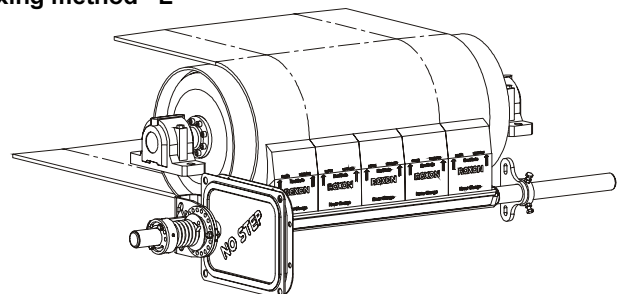
Fixing method X



Fixing method E

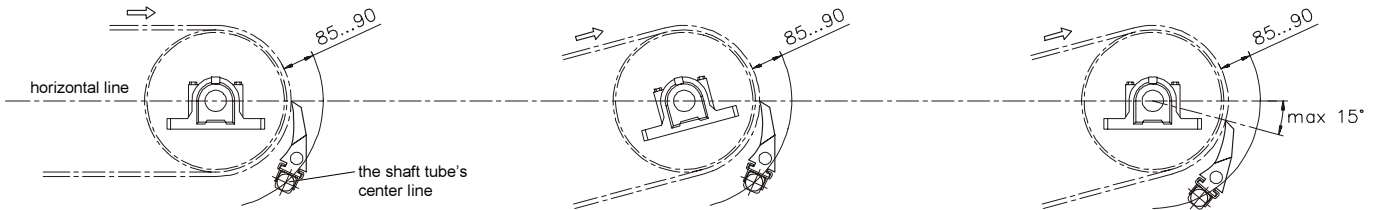


Fixing method L



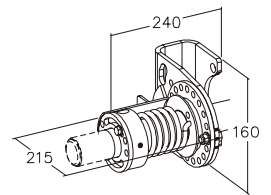
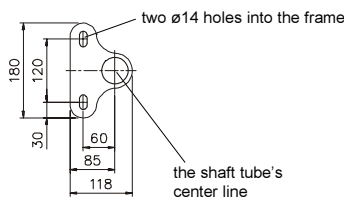
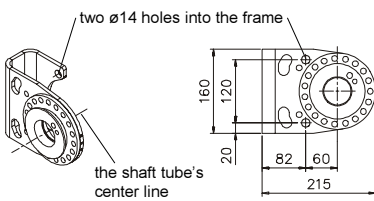
We reserve the right for modifications without prior notice.

Measurements to the conveyor



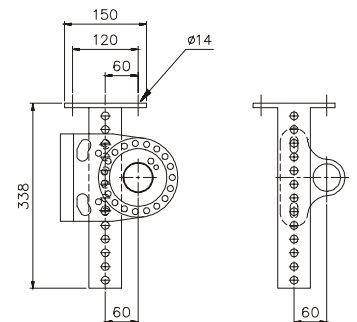
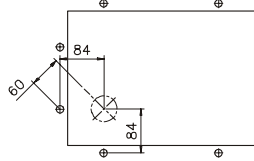
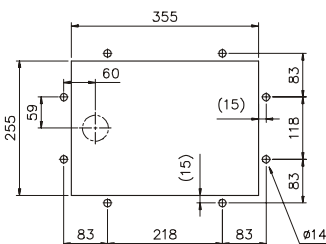
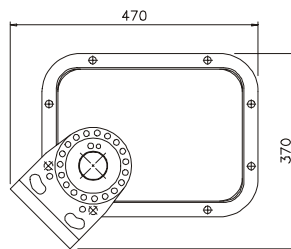
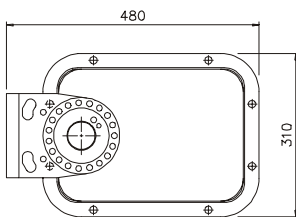
The distance of the shaft tube's center line from the surface of the belt should be 85...90 mm. The tip of the blade should be at the point of the horizontal line which passes through the center line of the pulley.

For slow speeds (under 1 m/s), the cleaner is recommended to install at a maximum of 15° below the horizontal line.



The spring frame and the brace can be turned to the desired position in relation to the shaft tube's center line. If necessary, a through hole (ø52) can be made into the conveyor structure for the shaft tube.

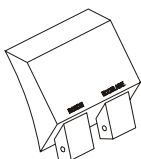
The amount of space needed for an assembled spring tension device. If necessary, the excess part of the shaft tube may be cut off.



Alternatives for installing the hatch and spring frame and perforation of the chute's wall for the hatch

Universal clamp with spring frame and opposite side brace.

Ordering codes for the expendable parts



ORDERING EXAMPLE: **ECOBLADE - U**

Type code _____

Blade material _____

U = POLYURETHANE
A = POLYURETHANE + ALUMINUM OXIDE (AL₂O₃)
S = POLYURETHANE + VITRIFIED CERAMIC PIECE



ORDERING EXAMPLE: **NEVER CHANGE**

Type code _____



ORDERING EXAMPLE: **MAX3 - T - U**

Type code _____

Blade structure _____

T = DIVIDED (separate base and blade parts)

Blade material _____

U = POLYURETHANE
A = POLYURETHANE + ALUMINUM OXIDE (AL₂O₃)
S = POLYURETHANE + VITRIFIED CERAMIC PIECE