TROUBLES AND SOLUTIONS

Troubles	Causes	Remedies
Belt breaking after fitting	- Forcing belt over pulley when fitting, damaging cord and cover - Ingress of a foreign body - Insufficient belts for drive	- Change the belt without forcing - Check drive details
Cuts and splits in the base of the belt	- Outside idler pulley in use - Use of the internal face of the belt - Pulley diameter too small	- Replace with inside idler pulley - Using the recommended minimum pulley pitch diameter
Belt cannot be retensioned	- Regulation is too small - Excessive stretch - Belts from different manufacturers used on the same drive	- Increase the regulation possibility - Recalculate drive design and modify - Replace with new matched set of belts - Change the complete set
Friction, belt turn over in pulleys	- Poor drive alignment - Incorrect pulley groove section - Use of the grooves - Vibrations - Low belt tension - Excessive wear on belts flanks	- Realign or replace the pulleys - Retension belt - Renew the belt - Use banded belt VECOBAND®
Excessive wear on belts flanks	- Incorrect pulley groove angle - Incorrect pulley section - Excessive wear in pulley grooves - Poor drive alignment	- Renew pulleys - Realign
Break of belts flanks	- Heating of the belt - Too high temperature (> 80 °C) - Slid	- Remove source of heat - Use "LONGUE DUREE®" belts - Retension belt
Excessive noise	- Incorrect belt tension - Overload drive	- Retension belt - Check drive details and redesign if necessary
Overload of bearings	- Overload or overdimensionned drive - Belt tension too high	- Redesign drive - Control the tension again
Belt swelling or softening	- Contamination by oil or other chemicals - Temperature too high > 80 °C	- Protect drive from contamination - Clean pulley's grooves - Use "LONGUE DUREE®" belts
Inegal use of the wrapping	- Rough pulleys - Excessive dust	- Change the pulleys - Equalize the surfaces of the pulleys
Separation of the belts	- Non standard pulleys - Excessive belt tension	- Redesign drive - Do the installation of belts again
Return of the belts	- Misalignment of pulleys - Excessive vibrations - Used pulleys	- Renew pulleys - Control the alignment
To long or to short belts	- Wrong belts - Wrong drive installation - Low belt tension	- Renew belts - Check drive installation
Lenght problems	- Used pulleys - Mix of new and old belts - Non parallel shafts - Belts provided by several suppliers	- Replace with new matched set of belts - Renew the pulleys - Check alignment - Use only new belts - Use VECOBAND® belts