

ACTIVITY 3: THE MAIN PIECES IN SPARE PARTS

- a) OPEN THE FOLLOWING LINKS AND EXPLORE THE SPARE PARTS IN EACH LANGUAGE:
<https://www.boschtoolservice.com/es/es/boschprof/spareparts/cizalla-gsc-2-8-0601506103>
<https://www.boschtoolservice.com/gb/en/boschprof/spareparts/shears-gsc-2-8-0601506103>
- b) HOW DO YOU SAY **RECAMBIOS** IN ENGLISH? USE CAPITAL LETTERS:
- c) FIND THE FOLLOWING WORDS IN THE SPANISH MANUAL AND THEN FIND THE ENGLISH TRANSLATION TO **MATCH THE WORDS** BELOW:

ROTOR O INDUCIDO

RUEDA DENTADA

PERNO DE COJINETE

ÁRBOL DE LA EXCÉNTRICA

CORONA DENTADA

BIELA

MANGUITO DE COJINETE

ÉMBOLO PORTAUTIL

TORNILLO DE REGULACIÓN

BEARING BOLT

RING GEAR

ARMATURE

BEARING SLEEVE

ADJUSTING SCREW

CYLINDRICAL GEAR

LIFTING ROD

ECCENTRIC SHAFT

CONNECTING ROD

- d) READ THE FOLLOWING TEXT AND EXPLAIN HOW THE DEVICE WORKS IN SPANISH:

How the device works :

The rotation from the **motor shaft** is transmitted to the **two cylindrical gears** linked to the internal **ring gear** and to the **eccentric shaft** using a planetary gear mechanism. This rotation is transmitted to the **connecting rod** that transforms the rotation in a lineal alternative movement and it's the way to move the upper **blade** of the machine, in the same way as the sewing machine in the picture:

- c) CAN YOU TRANSLATE THE WORDS IN BOLD INTO SPANISH? WRITE THE WORDS IN CAPITAL LETTERS:

MOTOR SHAFT -

CYLINDRICAL GEARS -

RING GEAR -

ECCENTRIC SHAFT -

CONNECTING ROD -

BLADE -

