



SHIFTING THE LIMITS

ROBACTA TC 2000

/ Touchless welding-torch cleaning system



/ Robacta TC touchlessly cleans the torch in automated steel applications. The surfaces of the wearing parts remain undamaged, and the lifespan of the gas nozzle is prolonged. The constantly defined cleaning power has a magnetic flux density of up to 4.7 Tesla, giving a standard plain washer a mass equivalent to around 3 kg (6.61 lb).

TOUCHLESS CLEANING

/ Spatter build-up is removed electromagnetically, meaning that no damage is done to the surfaces of the wearing parts.

/ Has no influence on the tool centre point (TCP), ensuring that the end of the welding wire is precisely positioned.

/ The cleaning results achieved by the Robacta TC 2000 are unique. Two magnet coils clean the gas nozzle and the outlet openings simultaneously, in one and the same cleaning-position.



/ Gas nozzle with spatter build-up.



/ Gas nozzle after touchless cleaning.

ENHANCED PROFITABILITY

/ Ensures high availability of the robot installations, as less maintenance is needed than with mechanical cleaning equipment.

/ The touchless magnetic action means that the gas nozzle has a service life 10 times longer than if it were cleaned mechanically.

/ No service-intensive mechanical cleaning-components or wearing parts are needed.

VERSATILE AND COMPACT

/ Available for nearly any torch geometry
/ Compact design for space-saving deployment

/ Can be integrated into any existing robot welding cell

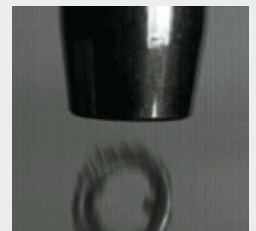
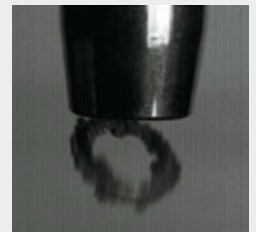
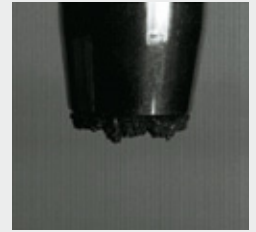
PRINCIPLE

/ Two magnet coils clean the whole area around the gas nozzle in one cycle. The force applied in this way gives a standard plain washer a mass equivalent to approx. 3 kg (6.61 lb).

10 mm (0.4 in)

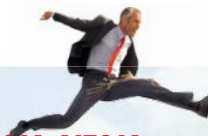


3 kg / 6.61 lb



MEILLÄ ON KOLME TOIMIALAA JA YKSI TAVOITE: SIIRTÄÄ RAJA-AITOJA.

/ Olkoon kyseessä akunlatausjärjestelmät, hitsaustekniikka tai aurinkovoimaelektronikka -tavoitteemme on selkeä: haluamme olla johtajia sekä tekniikan että laadun saralla. Meillä on maailmanlaajuisesti yli 3200 työntekijää. 878 voimassaolevaa patenttiamme todistavat, että me määritämme, mikä on mahdollista. Kun muut etenevät askel askeleelta, me etenemme harppauksin kohti uutta.



PRONIUS

Pronius Oy

Keisarinviitta 20 B
33960 Pirkkala

+358 (0)44 200 9060
info@pronius.fi
www.pronius.fi