







# MANUALE ISTRUZIONE

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(EN)	EXPLANATION OF DANGER, MANDATORY AND PROHIBITION SIGNS.	(HR-SR)	LEGENDA OZNAKA OPASNOSTI, OBAVEZA I ZABRANA.
(IT)	LEGENDA SEGNALI DI PERICOLO, D'OBBLIGO E DIVIETO.	(PL)	OBJAŚNIENIA ZNAKÓW OSTRZEGAWCZYCH, NAKAZU I ZAKAZU.
(FR)	LÉGENDE SIGNAUX DE DANGER, D'OBLIGATION ET D'INTERDICTION.	(FI)	VAROITUS, VELVOITUS, JA KIELTOMERKIT.
(ES)	LEYENDA SEÑALES DE PELIGRO, DE OBLIGACIÓN Y PROHIBICIÓN.	(DA)	OVERSIGT OVER FARE, PLIGT OG FORBUDSSIGNALER.
(DE)	LEGENDE DER GEFAHREN-, GEBOTS- UND VERBOTSZEICHEN.	(NO)	SIGNALERINGSTEKST FOR FARE, FORPLIKTELSER OG FORBUDT.
(RU)	ЛЕГЕНДА СИМВОЛОВ БЕЗОПАСНОСТИ, ОБЯЗАННОСТИ И ЗАПРЕТА.	(SL)	LEGENDA SIGNALOV ZA NEVARNOST, ZA PREDPISANO IN PREPOVEDANO.
(PT)	LEGENDA DOS SINAIS DE PERIGO, OBRIGAÇÃO E PROIBIDO.	(SK)	VYSVETLIVKY K SIGNÁLOM NEBEZPEČENSTVA, PŘÍKAZOM A ZÁKAZOM.
(NL)	LEGENDE SIGNALEN VAN GEVAAR, VERPLICHTING EN VERBOD.	(HU)	A VESZÉLY, KÖTELEZTETSÉG ÉS TILTÁS JELZÉSÉINEK FELIRATAI.
(EL)	ΛΕΞΑΝΤΑ ΣΗΜΑΤΩΝ ΚΙΝΔΥΝΟΥ, ΥΠΟΧΡΕΩΣΗΣ ΚΑΙ ΑΠΑΓΟΡΕΥΣΗΣ.	(LT)	PAVOJAUS, PRIVALOMŲJŲ IR DRAUDŽIAMŲJŲ ŽENKLŲ PAAIŠKINIMAS.
(RO)	LEGENDĂ INDICATOARE DE AVERTIZARE A PERICOLELOR, DE OBLIGARE ȘI DE INTERZICERE.	(ET)	OHUD, KOHUSTUSED JA KEELUD.
(SV)	BILDTEXT SYMBOLER FÖR FARA, FÖBUD OCH FÖRBUD.	(LV)	BĪSTĀMĪBU, PIENĀKUMU UN AIZLIEGUMA ZĪMJU PASKAIDROJUMI.
(CS)	VYSVĚTLIVKY K SIGNÁLŮM NEBEZPEČÍ, PŘÍKAZŮM A ZÁKAZŮM.	(BG)	ЛЕГЕНДА НА ЗНАЦИТЕ ЗА ОПАСНОСТ, ЗАДЪЛЖИТЕЛНИ И ЗА ЗАБРАНА.
		(AR)	مفاتيح رموز الخطر والإلزام والحظر.

	(EN) DANGER OF ELECTRIC SHOCK - (IT) PERICOLO SHOCK ELETTRICO - (FR) RISQUE DE CHOC ÉLECTRIQUE - (ES) PELIGRO DESCARGA ELÉCTRICA - (DE) STROMSCHLÄGGEFAHR - (RU) ОПАСНОСТЬ ПОРАЖЕНИЯ ЭЛЕКТРИЧЕСКИМ ТОКОМ - (PT) PERIGO DE CHOQUE ELÉTRICO - (NL) GEVAAR ELEKTROSHOCK - (EL) ΚΙΝΔΥΝΟΣ ΗΛΕΚΤΡΟΠΛΗΘΙΑΣ - (RO) PERICOL DE ELECTROCUTARE - (SV) FARA FÖR ELEKTRISKSTÖT - (CS) NEBEZPEČÍ ZÁSAHU ELEKTRICKÝM PROUDEM - (HR-SR) OPASNOST STRUJONOGUDARA - (PL) NIEBEZPIECZENSTWO SZOKU ELEKTRYCZNEGO - (FI) SÄHKÖISKUN VAARA - (DA) FARE FOR ELEKTRISK STØD - (NO) FARE FOR ELEKTRISK STØT - (SL) NEVARNOST ELEKTRICNEGA UDARA - (SK) NEBEZPEČENSTVO ZÁSAHU ELEKTRICKÝM PRŮDOM - (HU) ÁRAMŰTÉS VESZÉLYE - (LT) ELEKTROS SMŪGIO PAVOJUS - (ET) ELEKTRILÕÕGHOHT - (LV) ELEKTROŠOKA BĪSTĀMĪBA - (BG) ОПАСНОСТ ОТ ТОКОВ УДАР - (AR) خطر الصدمة الكهربائية
	(EN) DANGER OF WELDING FUMES - (IT) PERICOLO FUMI DI SALDATURA - (FR) DANGER FUMÉES DE SOUDAGE - (ES) PELIGRO HUMOS DE SOLDADURA - (DE) GEFAHR DER ENTWICKLUNG VON RAUCHGASEN BEIM SCHWEISSEN - (RU) ОПАСНОСТЬ ДЫМОВ СВАРКИ - (PT) PERIGO DE FUMAÇAS DE SOLDAGEM - (NL) GEVAAR LASROOK - (EL) ΚΙΝΔΥΝΟΣ ΚΑΠΝΩΝ ΣΥΓΚΟΛΛΗΣΗΣ - (RO) PERICOL DE GAZE DE SUDURĂ - (SV) FARA FÖR RÖK FRÅN SVETSNING - (CS) NEBEZPEČÍ SVAŘOČNÝCH DÝMŮ - (HR-SR) OPASNOST OD DIMA PRILIKOM VARENJA - (PL) NIEBEZPIECZENSTWO OPARÓW SPALWALNICZYCH - (FI) HITSAUSSAVUJEN VAARA - (DA) FARE P.G.A. SVEJSEAMPE - (NO) FARE FOR SVEISERØYK - (SL) NEVARNOST VARILNEGA DIMA - (SK) NEBEZPEČENSTVO VÝPAROV ZO ZVÁRANIA - (HU) HEGESZTÉS KÖVETKEZTÉBEN KELETKEZTETT FŰST VESZÉLYE - (LT) SUVIRINIMO DŪMŲ PAVOJUS - (ET) KEEVITAMISEL SUITSU OHT - (LV) METINĀŠANAS IZTVAIKOJUMU BĪSTĀMĪBA - (BG) ОПАСНОСТ ОТ ПУШЕКА ПРИ ЗАВАРЯВАНЕ - (AR) خطر أذنة اللحام
	(EN) DANGER OF EXPLOSION - (IT) PERICOLO ESPLOSIONE - (FR) RISQUE D'EXPLOSION - (ES) PELIGRO EXPLOSIÓN - (DE) EXPLOSIONSGEFAHR - (RU) ОПАСНОСТЬ ВЗРЫВА - (PT) PERIGO DE EXPLOSAO - (NL) GEVAAR ONTPLOFFING - (EL) ΚΙΝΔΥΝΟΣ ΕΚΡΗΞΗΣ - (RO) PERICOL DE EXPLOZIE - (SV) FARA FÖR EXPLOSION - (CS) NEBEZPEČÍ VÝBUCHU - (HR-SR) OPASNOST OD EKSPLOZIJE - (PL) NIEBEZPIECZENSTWO WYBUCHU - (FI) RÄJÄHDYSVAARA - (DA) SPRÆNGFARE - (NO) FARE FOR EKSPLOJON - (SL) NEVARNOST EKSPLOZIJE - (SK) NEBEZPEČENSTVO VÝBUCHU - (HU) ROBBANÁS VESZÉLYE - (LT) SPROGIMO PAVOJUS - (ET) PLAHVATUOHT - (LV) SPRĀDZIENBĪSTĀMĪBA - (BG) ОПАСНОСТ ОТ ЕКСПЛОЗИЈА - (AR) خطر الانفجار
	(EN) WEARING PROTECTIVE CLOTHING IS COMPULSORY - (IT) OBBLIGO INDOSSARE INDUMENTI PROTETTIVI - (FR) PORT DES VÊTEMENTS DE PROTECTION OBLIGATOIRE - (ES) OBLIGACIÓN DE LLEVAR ROPA DE PROTECCIÓN - (DE) DAS TRAGEN VON SCHUTZKLEIDUNG IST PFLICHT - (RU) ОБЯЗАННОСТЬ НАДЕВАТЬ ЗАЩИТНУЮ ОДЕЖДУ - (PT) OBRIGATORIO O USO DE VESTUÁRIO DE PROTEÇÃO - (NL) VERPLICHT BESCHERMENDE KLEDIJ TE DRAGEN - (EL) ΥΠΟΧΡΕΩΣΗ ΝΑ ΦΟΡΑΤΕ ΠΡΟΣΤΑΤΕΥΤΙΚΑ ΕΝΔΥΜΑΤΑ - (RO) FOLOSIREA ÎMBRĂCĂMINTEI DE PROTECȚIE OBLIGATORIE - (SV) OBLIGATORISKT ATT BÄRA SKYDDSPLAGG - (CS) POVINNÉ POUŽITÍ OCHRANNÝCH PROSTŘEDKŮ - (HR-SR) OBAVEZNO KORIŠTENJE ZAŠTITNE ODEJCE - (FI) NAKAZ NOSENIA ODSIJEY OCHRONNEI - (HU) SUOJAVATETUKSEN KÄYTTÖ PAKOLLISTA - (DA) PLIGT TIL AT ANVENDE BESKYTTELSESTØJ - (NO) FORPLIKTELSE Å BRUKE VERNETØY - (SL) OBEVZNO OBLICITE ZAŠČITNA OBLAČILA - (SK) POVINNÉ POUŽITIE OCHRANNÝCH PROSTRIEDKOV - (LV) VĒDŪRĪNA HASZNÁLATA KÖTELEZŐ - (LT) PRIVALOMA MŪVETI APSAUGINĖ APRANGA - (ET) KOHUSTUSLIK KANDA KAITSERIETUST - (LV) PIENĀKUMS ĢĒRBT AIZSARGTĒRPUS - (BG) ЗАДЪЛЖИТЕЛНО НОСЕНЕ НА ПРЕДПАЗНО ОБЛЕКЛО - (AR) الالتزام بارتدائه الملابس الواقية
	(EN) WEARING PROTECTIVE GLOVES IS COMPULSORY - (IT) OBBLIGO INDOSSARE GUANTI PROTETTIVI - (FR) PORT DES GANTS DE PROTECTION OBLIGATOIRE - (ES) OBLIGACIÓN DE LLEVAR GUANTES DE PROTECCIÓN - (DE) DAS TRAGEN VON SCHUTZHANDSCHUHEN IST PFLICHT - (RU) ОБЯЗАННОСТЬ НАДЕВАТЬ ЗАЩИТНЫЕ ПЕРЧАТКИ - (PT) OBRIGATORIO O USO DE LUVAS DE SEGURANÇA - (NL) VERPLICHT BESCHERMENDE HANDSCHOENEN TE DRAGEN - (EL) ΥΠΟΧΡΕΩΣΗ ΝΑ ΦΟΡΑΤΕ ΠΡΟΣΤΑΤΕΥΤΙΚΑ ΓΑΝΤΙΑ - (RO) FOLOSIREA MĂNUȘILOR DE PROTECȚIE OBLIGATORIE - (SV) OBLIGATORISKT ATT BÄRA SKYDDSHANDSKAR - (CS) POVINNÉ POUŽITÍ OCHRANNÝCH RUKAVIC - (HR-SR) OBAVEZNO KORIŠTENJE ZAŠTITNIH RUKAVICA - (PL) NAKAZ NOSZENIA RĘKAWIC OCHRONNYCH - (FI) SUOJAKÄSINEIDEN KÄYTTÖ PAKOLLISTA - (DA) PLIGT TIL AT BRUGE BESKYTTELSESHANDSKER - (NO) FORPLIKTELSE Å BRUKE VERNEHANSKER - (SL) OBEVZNO NADENITIE ZAŠČITNEROKAVICE - (SK) POVINNÉ POUŽITIE OCHRANNÝCH RUKAVIC - (HU) VÉDŐKESZTYŰ HASZNÁLATA KÖTELEZŐ - (LT) PRIVALOMA MŪVETI APSAUGINĖS PIRŠTINĖS - (ET) KOHUSTUSLIK KANDA KAITSKINDAID - (LV) PIENĀKUMS ĢĒRBT AIZSARGCIMDUS - (BG) ЗАДЪЛЖИТЕЛНО НОСЕНЕ НА ПРЕДПАЗНИ РЪКАВИЦИ - (AR) الالتزام بارتدائه القفازات الواقية

	<p>(EN) DANGER OF ULTRAVIOLET RADIATION FROM WELDING - (IT) PERICOLO RADIAZIONI ULTRAVIOLETTE DA SALDATURA - (FR) DANGER RADIATIONS ULTRAVIOLETTES DE SOUDAGE - (ES) PELIGRO RADIACIONES ULTRAVIOLETAS - (DE) GEFAHR ULTRAVIOLETT STRAHLUNGEN BEIM SCHWEISSEN - (RU) ОПАСНОСТЬ УЛЬТРАФИОЛЕТОВОГО ИЗЛУЧЕНИЯ СВАРКИ - (PT) PERIGO DE RADIAÇÕES ULTRAVIOLETAS DE SOLDADURA - (NL) GEVAAR ULTRAVIOLET STRALEN VAN HET LASSEN - (EL) ΚΙΝΔΥΝΟΣ ΥΠΕΡΥΦΕΡΕΣ ΑΚΤΙΝΟΒΟΛΙΑΣ ΑΠΟ ΣΥΓΚΟΛΗΞΗ - (RO) PERICOL DE RADIAȚII ULTRAVIOLETE DE LA SUDURĂ - (SV) FARA FÖR ULTRAVIOLET STRÅLNING FRÅN SVETSNING - (CS) NEBEZPEČÍ ULTRAFIALOVÉHO ZÁŘENÍ ZE SVAŘOVÁNÍ Í - (HR-SR) OPASNOST OD ULTRALJUBIČASTIH ZRAKA PRILIKOM VARENJA - (PL) NIEBEZPIECZEŃSTWO PROMIENIOWANIA NADFIOLETOWEGO PODCZAS SPAWANIA - (FI) HITSAAUSLAINEN AIHEUTTAMAN ULTRAVIOLETTISÄTELYN VAARA - (DA) FARE FOR ULTRAVIOLETTE SVEJSESTRÅLER - (NO) FARE FOR ULTRAVIOLETTE STRÅLNING UNDER SVEITINGSPROSEDYREN - (SK) NEVARNOST SEVANJA ULTRAVIOLETNIH ŽARKOV ZARADI VARENJA - (SK) NEBEZPEČENSTVO ULTRAFIALOVÉHO ŽIARENIA ZO ZVÁRANIA - (HU) HEGESZTÉS KÖVETKEZÉBEN LÉTREJÖTT IBOLVÁNTÚLI SUGÁRZÁS VESZÉLYE - (LT) ULTRAVIOLETINIO SPINDULIAVIMO SUVIRINIMO METU PAVOJUS - (ET) KEEVITAMISEL ERAALDUVA ULTRAVIOLETTKIRGUSEOHT - (LV) METIŅAŠANAS ULTRAVIOLETĀ IZSTAROJUMA BĪSTAMĪBA - (BG) ОПАСНОСТ ОТ УЛТРАВИОЛЕТОВО ОБЛЪЧВАНЕ ПРИ ЗАВАРЯВАНЕ - (AR) خطر التعرض للاشعة تحت البنفسجية الناتجة عن الحام</p>
	<p>(EN) DANGER OF FIRE - (IT) PERICOLO INCENDIO - (FR) RISQUE D'INCENDIE - (ES) PELIGRO DE INCENDIO - (DE) BRANDGEFAHR - (RU) ОПАСНОСТЬ ПОЖАРА - (PT) PERIGO DE INCENDIO - (NL) GEVAAR VOOR BRAND - (EL) ΚΙΝΔΥΝΟΣ ΠΥΡΚΑΓΙΑΣ - (RO) PERICOL DE INCENDIU - (SV) BRANDRISK - (CS) NEBEZPEČÍ POŽÁRU - (HR-SR) OPASNOST OD POŽARA - (PL) NIEBEZPIECZEŃSTWO POŻARU - (FI) TULIPALON VAARA - (DA) BRANDFARE - (NO) BRANNFARE - (SL) NEVARNOST POŽARA - (SK) NEBEZPEČENSTVO POŽIARU - (HU) TŰZVESZÉLY - (LT) GAISRO PAVOJUS - (ET) TULEOHT - (LV) UGUNSGRĒKA BĪSTAMĪBA - (BG) ОПАСНОСТ ОТ ПОЖАР - (AR) خطر التسبب في إندلاع حريق</p>
	<p>(EN) DANGER OF BURNS - (IT) PERICOLO DI USTIONI - (FR) RISQUE DE BRŪLURES - (ES) PELIGRO DE QUEMADURAS - (DE) VERBRENNUNGSGEFAHR - (RU) ОПАСНОСТЬ ОЖОГОВ - (PT) PERIGO DE QUEIMADURAS - (NL) GEVAAR VOOR BRANDWONDEN - (EL) ΚΙΝΔΥΝΟΣ ΕΓΚΑΥΜΑΤΩΝ - (RO) PERICOL DE ARSURI - (SV) RISK FÖR BRÄNNSKADA - (CS) NEBEZPEČÍ POPÁLENIN - (HR-SR) OPASNOST OD OPEKUNA - (PL) NIEBEZPIECZEŃSTWO OPARZEN - (FI) PALOVAMMOJEN VAARA - (DA) FARE FOR FORBRÆNDINGER - (NO) FARE FOR FORBRENNINGER - (SL) NEVARNOST OPEKLIN - (SK) NEBEZPEČENSTVO POPÁLENÍN - (HU) ÉGÉSI SÉRŰLÉS VESZÉLYE - (LT) NUSIDEGINIMO PAVOJUS - (ET) PÕLETUSHAAVAE SAAMISE OHT - (LV) APDEGUMU GŪŠANAS BĪSTAMĪBA - (BG) ОПАСНОСТ ОТ ИЗГАРЯНИЯ - (AR) خطر التعرض لحروق</p>
	<p>(EN) DANGER OF NON-IONISING RADIATION - (IT) PERICOLO RADIAZIONI NON IONIZZANTI - (FR) DANGER RADIATIONS NON IONISANTES - (ES) PELIGRO RADIACIONES NO IONIZANTES - (DE) GEFAHR NICHT IONISIERENDER STRAHLUNGEN - (RU) ОПАСНОСТЬ НЕ ИОНИЗИРУЮЩЕЙ РАДИАЦИИ - (PT) PERIGO DE RADIAÇÕES NÃO IONIZANTES - (NL) GEVAAR NIET IONISERENDE STRALEN - (EL) ΚΙΝΔΥΝΟΣ ΜΗ ΙΟΝΙΖΟΝΤΩΝ ΑΚΤΙΝΟΒΟΛΙΩΝ - (RO) PERICOL DE RADIAȚII NEIONIZANTE - (SV) FARA FÖR ICKE JONISERANDE - (CS) NEBEZPEČÍ NEIONIZUJÍCÍHO ZÁŘENÍ - (HR-SR) OPASNOST NEJONIZIRAJUĆIH ZRAKA - (PL) ZAGROŻENIE PROMIENIOWANIEM NEJONIZUJĄCYM - (FI) IONISOMATTOMAN SÄTELYN VAARA - (DA) FARE FOR IKKE-JONISERENDE STRÅLER - (NO) FARE FOR UJONISERT STRÅLNING - (SK) NEVARNOST NEJONIZIRANEGA SEVANJA - (SK) NEBEZPEČENSTVO NEJONIZUJÚCEHO ZARIADENIA - (HU) NEM IONOSZÓ SUGÁRZÁS VESZÉLYE - (LT) NEJONIZUOTO SPINDULIAVIMO PAVOJUS - (ET) MITTEIONISEERTUDKIRGUSTE OHT - (LV) NEJONIZĒJOSA IZSTAROJUMA BĪSTAMĪBA - (BG) ОПАСНОСТ ОТ НЕ ИОНИЗИРАНО ОБЛЪЧВАНЕ - (AR) خطر التعرض لاشعاعات غير مؤينة</p>
	<p>(EN) GENERAL HAZARD - (IT) PERICOLO GENERALE - (FR) DANGER GÉNÉRIQUE - (ES) PELIGRO GÉNÉRICO - (DE) GEFAHR ALLGEMEINER ART - (RU) ОБЩАЯ ОПАСНОСТЬ - (PT) PERIGO GERAL - (NL) ALGEMEEN GEVAAR - (EL) ΓΕΝΙΚΟΣ ΚΙΝΔΥΝΟΣ - (RO) PERICOL GENERAL - (SV) ALLMÅN FARA - (CS) VŠEOBECNĚ NEBEZPEČÍ - (HR-SR) OPĆA OPASNOST - (PL) OGÓLNE NIEBEZPIECZEŃSTWO - (FI) YLEINEN VAARA - (DA) ALMEN FARE - (NO) GENERISK FARE STRÅLNING - (SL) SPLOŠNA NEVARNOST - (SK) VŠEOBECNĚ NEBEZPEČENSTVO - (HU) ÁLTALÁNOS VESZÉLY - (LT) BENDRAS PAVOJUS - (ET) ÜLDINE OHT - (LV) VISPĀRĪGA BĪSTAMĪBA - (BG) ОБЩИ ОПАСНОСТИ - (AR) خطر عام</p>
	<p>(EN) DO NOT USE THE HANDLE TO HANG THE WELDING MACHINE. - (IT) VIETATO UTILIZZARE LA MANIGLIA COME MEZZO DI SOSPENSIONE DELLA SALDATRICE - (FR) INTERDIT D'UTILISER LA POIGNÉE COMME MOYEN DE SUSPENSION DU POSTE DE SOUDAGE - (ES) SE PROHIBE UTILIZAR LA MANILLA COMO MEDIO DE SUSPENSIÓN DE LA SOLDADORA - (DE) ES IST UNTERSAGT, DEN GRIF ALS MITTEL ZUM AUFHÄNGEN DER SCHWEISSMASCHINE ZU BENUTZEN - (RU) ЗАПРЕЩЕНО ПОДВЕШИВАТЬ СВАРЧНЫЙ АППАРАТ ЗА РУЧЬЮ - (PT) É PROIBIDO UTILIZAR A MAÇANETA COMO MEIO DE SUSPENSÃO DO APARELHO DE SOLDAR - (NL) DE HANDGREEP MAG NIET WORDEN GEBRUIKT OM HET LASAPPARAAT AAN OP TE HANGEN - (EL) ΑΠΑΓΟΡΕΥΕΤΑΙ Η ΧΡΗΣΗ ΤΗΣ ΧΕΙΡΟΛΗΨΗΣ ΣΑΝ ΜΕΣΟ ΑΝΥΨΩΣΗΣ ΤΗΣ ΣΥΓΚΟΛΗΠΤΗΚΗΣ ΣΥΣΚΕΥΗΣ - (RO) SE INTERZICE FOLOSIREA MĂNERULUI CA MIJLOC DE SUSȚINERE A APARATULUI DE SUDURĂ - (SV) DET ÄR FÖRBUDDET ATT ANVÄNDA HANDTAGET FÖR ATT HÄNGA UPP SVETSEN - (CS) JE ZAKÁZÁNO POUŽÍVAT RUKOJEJ JAKO PROSTŘEDEK K ZAVĚŠENÍ SVAŘOVACÍHO PŘÍSTROJE - (HR-SR) ZABRANJENO JE UPOTREBLJAVATI RUČKU ZA PODIZANJE STROJA ZA VARENJE - (PL) ZABRANIA SIĘ UŻYWANIA UCHWYTY JAKO ŚRODKA DO WIESZĄCZANIA SPAWARKI - (FI) ON KIELLETTYÄ KÄYTTÄÄ KÄSIKÄNHAA HITSAAUSLAITTEEN RIPPUSTUSVÄLINEENÄ - (DA) DET ER FORBUDT AT ANVENDE HÅNDEBRET TIL AT HÆVE SVEJSEMASKINEN - (NO) DET ER FORBUDT Å BRUKE HÅNDTAKET FOR Å HENGE SVEISEMASKINEN OPP - (SL) ROČAJA NE SMETE UPORABLJATI ZA OBEŠANJE VARILNEGA APARATA - (SK) JE ZAKÁZANÉ VEŠAŤ ZVÁRACÍ PŘÍSTROJ ZA RUKOVĚT - (HU) TILOS A HEGESZTŐGÉPET A FOGANTYÚJÁNÁL FOGVA FELAKASZTANI - (LT) DRAUDŽIAMA NAUDOTI RANKENA KAIP PRIEMONĖSUVIRINIMO APARATO SUSTABDYMU - (ET) ON KEELATUD RIPUTADA KEEVITUSSEADET KASUTADES SELLEKS KÄRPEIDET - (LV) IR AIZLIEGTS IZMANTOT ROKURTI METIŅAŠANAS APARĀTĀ PIEKĀRŠANAI - (BG) ЗАБРАНЕНА Е ДА СЕ ИЗПОЛЗВА РЪКОХВАТКАТА КАТО СРЕДСТВО ЗА ОКАЧВАНЕ НА ЗАВАРЪЧНИИ АПАРАТ - (AR) يحظر استخدام المقبض كوسيلة تعليق أداة الحام</p>
	<p>(EN) EYE PROTECTIONS MUST BE WORN - (IT) OBBLIGO DI INDOSSARE OCCHIALI PROTETTIVI - (FR) PORT DES LUNETTES DE PROTECTION OBLIGATOIRE - (ES) OBLIGACIÓN DE USAR GAFAS DE PROTECCIÓN - (DE) DAS TRAGEN EINER SCHUTZBRILLE IST PFLICHT - (RU) ОБЯЗАТЕЛЬНО НОСИТЬ ЗАЩИТНЫЕ ОЧКИ - (PT) OBRIGAÇÃO DE VESTIR ÓCULOS DE PROTECÇÃO - (NL) VERPLICHT DRAGEN VAN BESCHERMENDE BRIL - (EL) ΥΠΟΧΡΕΩΣΗ ΝΑ ΦΟΡΑΤΕ ΠΡΟΣΤΕΤΕΥΤΙΚΑ ΓΥΑΛΙΑ - (RO) ESTE OBLIGATORIE PURTAREA OCHELARILOR DE PROTECȚIE - (SV) OBLIGATORISKT ATT ANVÄNDA SKYDDSGLASÖGON - (CS) POVINNOST POUŽÍVÁNÍ OCHRANNÝCH BRÝLÍ - (HR-SR) OBAVEZNA UPOTREBA ZAŠTITNIH NAČČALA - (PL) NAKAZ NOSZENIA OKULARÓW OCHRONNYCH - (FI) SUOJALASIEN KÄYTTÖ PAKOLLISETA - (DA) PLIGT TIL AT ANVENDE BESKYTTELSESBRILLER - (NO) DET ER OBLIGATORISK Å HA PÅ SEG VERNBRILLER - (SL) OBEVZNA UPORABA ZAŠČITNIH OČAL - (SK) POVINNOSŤ POUŽÍVANIA OCHRANNÝCH OKULIAROV - (HU) VÉDSZEMÉLYEG VISELETE KÖTELEZŐ - (LT) PRIVALOMA DIRBTI SU APSAUGINIAUS AKINIAMS - (ET) KOHUSTUS KANDA KAITSEPELLE - (LV) PIENĀKUMS VILKT AIZSARGBRILLES - (BG) ЗАДЪЛЖИТЕЛНО ДА СЕ НОСИТ ПРОТЕКЦИОНИ ОЧИЛА - (AR) الالتزام بارتداء نظارات واقية</p>
	<p>(EN) NO ENTRY FOR UNAUTHORISED PERSONNEL - (IT) DIVIETO DI ACCESSO ALLE PERSONE NON AUTORIZZATE - (FR) ACCÈS INTERDIT AUX PERSONNES NONAUTORISÉES - (ES) PROHIBIDO EL ACCESO A PERSONAS NO AUTORIZADAS - (DE) UNBEGUFTEN PERSONENIST DER ZUTRITT VERBOTEN - (RU) ЗАПРЕТ ДЛЯ ДОСТУПА ПОСТОРОННИХ ЛИЦ - (PT) PROIBIÇÃO DE ACESSO ÀS PESSOAS NÃO AUTORIZADAS - (NL) TOEGANGSVERBOD VOOR NIET GEAUTORISEERDE PERSONEN - (EL) ΑΠΑΓΟΡΕΥΣΗ ΠΡΟΣΒΑΣΗΣ ΣΕ ΜΗ ΕΠΙΤΡΑΜΕΝΑ ΑΤΟΜΑ - (RO) ACCESUL PERSOANELOR NEAUTORIZATE ESTE INTERZIS - (SV) TILLTRÄDE FÖRBUDDET FÖR ICKE AUKTORISERADE PERSONER - (CS) ZÁKAZ VSTUPU NEPOVOLANÝM OSOBAM - (HR-SR) ZABRANA PRISTUPA NEVOLANJENIM OSOBAMA - (PL) ZAKAZ DOSTĘPU OSOBOM NIEOUZASNIOWANYM - (FI) PÄÄSY KIELLETTY ASIATTOMILTA - (DA) ADGANG FORBUDT FOR UVEDKOMMENDE - (NO) PERSONER SOM IKKE ER AUTORSERTE MÅ IKKE HA ADGANG TIL APPARATEN - (SL) DOSTOP PREPOVEDAN NEPOBLAŠČENIM OSEBAM - (SK) ZÁKAZ NEOPRAVŔNENÉHO PRÍSTUPU K OSOBAM - (HU) FEL NEM JEGOSZÓTT SZEMÉLYEK SZÁMÁRA TILOS A BELÉPÉS - (LT) PAŠALINAMSI JEITI DRAUDŽIAMA - (ET) SELLEKS VÕIBIMETA ISIKUTEL ON TÕÕALAS VIIBIMINE KEELATUD - (LV) NEPIEDEROŠAMĀ PERSONĀM IEĒJA AIZLIEGTA - (BG) ЗАБРАНЕН Е ДОСТЪПЪТ НА НЕУПЪЛНОМОЩЕНИ ЛИЦА - (AR) يحظر الدخول على الأشخاص الغير مصرح لهم</p>

	<p>(EN) WEARING A PROTECTIVE MASK IS COMPULSORY - (IT) OBBLIGO USARE MASCHERA PROTETTIVA - (FR) PORT DU MASQUE DE PROTECTION OBLIGATOIRE - (ES) OBLIGACIÓN DE USAR MÁSCARA DE PROTECCIÓN - (DE) DER GEBRAUCH EINER SCHUTZMASKE IST PFLICHT - (RU) ОБЯЗАННОСТЬ ПОЛЬЗОВАТЬСЯ ЗАЩИТНОЙ МАСКОЙ - (PT) OBRIGATORIO O USO DE MÁSCARA DE PROTEÇÃO - (NL) VERPLICHT GEBRUIK VAN BESCHERMEND MASKEER - (EL) ΥΠΟΧΡΕΩΣΗ ΝΑ ΦΟΡΑΤΕ ΠΡΟΣΤΑΤΕΥΤΙΚΗ ΜΑΣΚΑ - (RO) FOLOSIREA MĂȘTI DE PROTECȚIE OBLIGATORIE - (SV) OBLIGATORISKT ATT BÅRA SKYDDSMASK - (CS) POVINNÉ POUŽITÍ OCHRANĚNĚHO ŠTÍTU - (HR-SR) OBAVEZNO KORIŠTENJE ZAŠTITNE MASKE - (PL) NAKAZ UŻYWANIA MASKI OCHRONNEJ - (FI) SUOJAMASKIN KÄYTTÖ PAKOLLISTA - (DA) PLIGT TIL AT ANVENDE BESKYTTELSESMASKE - (NO) FORPLIKTELSE Å BRUKE VERNEBRILLER - (SL) OBEVZONOST UPORABI ZAŠČITNE MASKE - (SK) POVINNÉ POUŽITIE OCHRANĚNĚHO ŠTÍTU - (HU) VÉDŐMASZK HASZNÁLATA KÖTELEZŐ - (LT) PRIVALOMA UŽSIDĖTI APSAUGOJANČIAUSIŲ KAUKĖ - (ET) KOHUSTUSLIK KANDA KAITSEMASKI - (LV) PIENĀKUMS IZMANTOT AIZSARGMASKU - (BG) ЗАДЪЛЖИТЕЛНО ИЗПОЛЗВАНЕ НА ПРЕДПАЗНА ЗАВАРЪЧНА МАСКА - (AR) الالتزام باستخدام قناع وافي</p>
	<p>(EN) USERS OF VITAL ELECTRICAL AND ELECTRONIC APPARATUS MUST NEVER USE THE MACHINE - (IT) VIETATO L'USO DELLA MACCHINA AI PORTATORI DI APPARECCHIATURE ELETTRICHE ED ELETTRONICHE VITALI - (FR) L'UTILISATION DE LA MACHINE EST DÉCONSEILLÉE AUX PORTEURS D'APPAREILS ÉLECTRIQUES OU ÉLECTRONIQUES MÉDICAUX - (ES) PROHIBIDO EL USO DE LA MÁQUINA A LOS PORTADORES DE APARATOS ELÉCTRICOS Y ELECTRÓNICOS VITALES - (DE) TRÄGERN LEBENSERHALTENDER ELEKTRISCHER UND ELEKTRONISCHER GERÄTE IST DER GEBRAUCH DER MASCHINE UNTERSAGT - (RU) ИСПОЛЬЗОВАНИЕ УСТАНОВКИ ЗАПРЕЩЕНО ЛИЦАМ, ИСПОЛНЯЮЩИМ ЭЛЕКТРОННУЮ И ЭЛЕКТРОАППАРАТУРУ ОБЕСПЕЧЕНИЯ ЖИЗНЕДЕЯТЕЛЬНОСТИ - (PT) É PROIBIDO O USO DA MÁQUINA AOS PORTADORES DE APARELHAGENS ELÉCTRICAS E ELECTRÓNICAS VITAIS - (NL) HET GEBRUIK VAN DE MACHINE IS VERBODEN AAN DRAGERS VAN ELEKTRISCHE EN ELEKTRONISCHE VITALE APPARATUUR - (EL) ΑΠΑΓΟΡΕΥΕΤΑΙ Η ΧΡΗΣΗ ΤΟΥ ΜΗΧΑΝΗΜΑΤΟΣ ΣΕ ΑΤΟΜΑ ΠΟΥ ΦΕΡΟΥΝ ΗΛΕΚΤΡΙΚΕΣ ΚΑΙ ΗΛΕΚΤΡΟΝΙΚΕΣ ΣΥΣΚΕΥΕΣ ΖΩΤΙΚΗΣ ΣΗΜΑΣΙΑΣ - (RO) SE INTERZICE FOLOSIREA MAȘINI DE CĂTRE PERSOANELE PURTĂTOARE DE APARATE ELECTRICE ȘI ELECTRONICE VITALE - (SV) FÖRBUJDET FÖR ANVÄNDARE AV LIVSUPPEHÅLLANDE ELEKTRISKA ELLER ELEKTRONISKA APPARATER ATT ANVÄNDA DENNA MASKIN - (CS) ZÁKAZ POUŽITÍ STROJE NOSITELŮM ELEKTRICKÝCH A ELEKTRONICKÝCH ŽIVOTNĚ DŮLEŽITÝCH ZAŘÍZENÍ - (HR-SR) ZABRANJENO JE UPOTREBLJAVATI STROJ OSOBAMA KOJE IMAJU UGRADJENE VITALNE ELEKTRIČNE ILI ELEKTRONIČKE UREĐAJE - (PL) ZABRONIONE JEST UŻYWANIE URZĄDZENIA OSOBOM STOSUJĄCYM ELEKTRYCZNE I ELEKTRONICZNE URZĄDZENIA WSPOMAGAJĄCE FUNKCJE ŻYCIOWE - (FI) KONEEN KÄYTTÖKIELTO SÄHKÖISTEN JA ELEKTRONISTEN HENKILÖNSUOJALAITTEIDEN KÄYTTÄJILLE - (DA) DET ER FORBUDT FOR PERSONER, DER ANVENDER LIVSVIGTIGT ELEKTRISK OG ELEKTRONISK APPARATUR, AT ANVENDE MASKINEN - (NO) DET ER FORBUDT FOR PERSONER SOM BRUKER LIVSVIKTIGE ELEKTRISKE ELLER ELEKTRONISKE APPARATER Å BRUKE MASKINEN - (SL) PREPOVEDANA UPORABA STROJA ZA UPORABNIKE ŽIVLJENJSKO POMEMBNIH ELEKTRIČNIH IN ELEKTRONISKH NAPRAV - (SK) ZÁKAZ POUŽÍVANIA STROJA OSOBÁM SO ŽIVOTNE DŮLEŽITÝMI ELEKTRICKÝMI A ELEKTRONICKÝMI ZARIADENAMI - (HU) TILOS A GÉP HASZNÁLATA MINDAZOK SZÁMÁRA, AKIK SZERVEZETÉBEN ÉLTFENNTARTÓ ELEKTROMOS VAGY ELEKTRONIKUS KÉSZÜLÉK VAN BEÉPÍTVE - (LT) GRIEŽTI DRAUDŽIAMA SU ĮRANGA DIRBTI ASMENIMS, BESINAUDOJANTIEMS GYVYBIŠKI SAVIRBAIS ELEKTRINIAIS AR ELEKTRONINIAIS PRIETAISAI - (ET) SEADET EI TOHI KASUTADA ISIKUD, KES KASUTAVAD MEDITSIINILISI ELEKTRI-JA ELEKTRONIKASEADMID - (LV) ELEKTRISKO VAI ELEKTRONISKO MEDICĪNISKO IERĪČU LIETOTĀJIEM IR AIZLIEGTS IZMANTOT MAŠĪNU - (BG) ЗАБРАНЕНО Е ПОЛЗВАНЕТО НА МАШИНАТА ОТ ЛИЦА, НОСИТЕЛИ НА ЕЛЕКТРИЧЕСКИ И ЕЛЕКТРОННИ МЕДИЦИНСКИ УСТРОЙСТВА - (AR) يحظر استخدام الآلة لحاملي الأجهزة الكهربائية والالكترونية الحيوية</p>
	<p>(EN) PEOPLE WITH METAL PROSTHESES ARE NOT ALLOWED TO USE THE MACHINE - (IT) VIETATO L'USO DELLA MACCHINA AI PORTATORI DI PROTESI METALLICHE - (FR) UTILISATION INTERDITE DE LA MACHINE AUX PORTEURS DE PROTHÈSES MÉTALLIQUES - (ES) PROHIBIDO EL USO DE LA MÁQUINA A LOS PORTADORES DE PRÓTESIS METÁLICAS - (DE) TRÄGERN VON METALLPROTHESEN IST DER UMGANG MIT DER MASCHINE VERBOTEN - (RU) ИСПОЛЬЗОВАНИЕ МАШИНЫ ЗАПРЕЩАЕТСЯ ЛЮДЯМ, ИМЕЮЩИМ МЕТАЛЛИЧЕСКИЕ ПРОТЕЗЫ - (PT) PROIBIDO O USO DA MÁQUINA AOS PORTADORES DE PRÓTESES METÁLICAS - (NL) HET GEBRUIK VAN DE MACHINE IS VERBODEN AAN DE DRAGERS VAN METALEN PROTHESEN - (EL) ΑΠΑΓΟΡΕΥΕΤΑΙ Η ΧΡΗΣΗ ΤΗΣ ΜΗΧΑΝΗΣ ΣΕ ΑΤΟΜΑ ΠΟΥ ΦΕΡΟΥΝ ΜΕΤΑΛΛΙΚΕΣ ΠΡΟΤΗΣΕΙΣ - (RO) SE INTERZICE FOLOSIREA MAȘINI DE CĂTRE PERSOANELE PURTĂTOARE DE PROTEZE METALICE - (SV) FÖRBUJDET FÖR PERSONER SOM BÅR METALLPROTES ATT ANVÄNDA MASKINEN - (CS) ZÁKAZ POUŽITÍ STROJE NOSITELŮM KOVŮVÝCH PROTEZ - (HR-SR) ZABRANJENA UPOTREBA STROJA OSOBAMA KOJE NOSE METALNE PROTEZE - (PL) ZAKAZ UŻYWANIA URZĄDZENIA OSOBOM STOSUJĄCYM PROTEZY METALOWE - (FI) KONEEN KÄYTTÖ KIELLETTY METALLIPROTEESIEN KANTAJILTA - (DA) DET ER FORBUDT FOR PERSONER MED METALPROTESER AT BENYTTE MASKINEN - (NO) BRUK AV MASKINEN ER IKKE TILLATT FOR PERSONER MED METALLPROTESER - (SL) PREPOVEDANA UPORABA STROJA ZA NOSILCE KOVINSKIH PROTEZ - (SK) ZÁKAZ POUŽÍVANIA STROJA OSOBÁM S KOVŮVÝMI PROTEZÁMI - (HU) TILOS A GÉP HASZNÁLATA FÉMPROTEZIS VISELŐ SZEMÉLYEK SZÁMÁRA - (LT) SU SVIRINIMO APARATŲ DRAUDŽIAMA DIRBTI ASMENIMS, NAUDOJANTIEMS METALINIŲ PROTEZŲ - (ET) SEADET EI TOHI KASUTADA ISIKUD, KES KASUTAVAD METALLPROTEESE - (LV) CILVĒKIEM AR METĀLA PROTEZĒM IR AIZLIEGTS LIETOT IERĪCI - (BG) ЗАБРАНЕНО Е УПОТРЕБАТА НА МАШИНАТА ОТ НОСИТЕЛИ НА МЕТАЛНИ ПРОТЕЗИ - (AR) يحظر استخدام الآلة على مستخدمي أجهزة السمع المعدنية</p>
  	<p>(EN) DO NOT WEAR OR CARRY METAL OBJECTS, WATCHES OR MAGNETISED CARDS - (IT) VIETATO INDOSSARE OGGETTI METALLICI, OROLOGI E SCHEDE MAGNETICHE - (FR) INTERDICTION DE PORTER DES OBJETS MÉTALLIQUES, MONTRES ET CARTES MAGNÉTIQUES - (ES) PROHIBIDO LLEVAR OBJETOS METÁLICOS, RELOJES, Y TARJETAS MAGNÉTICAS - (DE) DAS TRAGEN VON METALLOBJEKTEN, UHREN UND MAGNETKARTEN IST VERBOTEN - (RU) ЗАПРЕЩАЕТСЯ НОСИТЬ МЕТАЛЛИЧЕСКИЕ ПРЕДМЕТЫ, ЧАСЫ ИЛИ МАГНИТНЫЕ ПЛАТЯЮ - (PT) PROIBIDO VESTIR OBJECTOS METÁLICOS, RELÓGIOS E FICHAS MAGNÉTICAS - (NL) HET IS VERBODEN METALEN VOORWERPEN, UURWERKEN EN MAGNETISCHE FICHES TE DRAGEN - (EL) ΑΠΑΓΟΡΕΥΕΤΑΙ ΝΑ ΦΟΡΑΤΕ ΜΕΤΑΛΛΙΚΑ ΑΝΤΙΚΕΙΜΕΝΑ, ΡΟΛΟΓΙΑ ΚΑΙ ΜΑΓΝΗΤΙΚΕΣ ΠΛΑΚΕΤΕΣ - (RO) ESTE INTERZISĂ PURTAREA OBIECTELOR METALICE, A CEASURILOR ȘI A CARTELELOR MAGNETICE - (SV) FÖRBUJDET ATT BÅRA METALLFÖRMLÄ, KLOCKOR OCH MAGNETKORT - (CS) ZÁKAZ NOŠENÍ KOVŮVÝCH PŘEDMĚTŮ, HODINEK A MAGNETICKÝCH KARET - (HR-SR) ZABRANJENO NOŠENJE METALNIH PREDMETA, SATOVA I MAGNETSKIH ČIROVA - (PL) ZAKAZ NOSZENIA PRZEDMIOTÓW METALOWYCH, ZEGARKÓW I KART MAGNETYCZNYCH - (FI) METALLISTEN ESINEIDEN, KELLOJEN JA MAGNEETTIKORTTIEN MUKANA PITÄMINEN KIELLETTY - (DA) FORBUD MOD AT BÆRE METALGENSTANDE, URE OG MAGNETISCHE KORT - (NO) FORBUDT Å HA PÅ SEG METALLFORMÅL, KLOCKER OG MAGNETISCHE KORT - (SL) PREPOVEDANO NOŠENJE KOVINSKIH PREDMETOV, UR IN MAGNETNIH KARTIC - (SK) ZÁKAZ NOŠENIA KOVŮVÝCH PREDMETOV, HODINIEK A MAGNETICKÝCH KARIET - (HU) TILOS FÉMTÁRGYAK, KARÓRÁK VISELÉTE ÉS MÁGNESES KÁRTYÁK MAGUKNÁL TARTÁSA - (LT) DRAUDŽIAMA PRIE SAVĖS TURĖ TI METALINIŲ DAIKTŲ, LAIKRODŽIŲ AR MAGNETINIŲ PLOKŠTELIŲ - (ET) KEELATUD ON KANDA METALLESEID, KELLASID JA MAGNETKAARTE - (LV) IR AIZLIEGTS VILKT METĀLA PRIEKŠMETUS, PULKSTENUS UN ŅĒMT LĪDZI MAGNĒTISKĀS KARTES - (BG) ЗАБРАНЕНО Е НОСЕНЕТО НА МЕТАЛНИ ПРЕДМЕТИ, ЧАСОВНИЦИ И МАГНИТНИ СХЕМИ - (AR) يحظر استخدام أشياء معدنية، ساعات وبطاقات مغنطة</p>



(EN) NOT TO BE USED BY UNAUTHORISED PERSONNEL - (IT) VIETATO L'USO ALLE PERSONE NON AUTORIZZATE - (FR) UTILISATION INTERDITE AU PERSONNEL NON AUTORISÉ - (ES) PROHIBIDO EL USO A PERSONAS NO AUTORIZADAS - (DE) DER GEBRAUCH DURCH UNBEFUGTE PERSONEN IST VERBOTEN - (RU) ИСПОЛЬЗОВАНИЕ ЗАПРЕЩАЕТСЯ ЛЮДЯМ, НЕ ИМЕЮЩИМ РАЗРЕШЕНИЯ - (PT) PROIBIDO O USO AS PESSOAS NÃO AUTORIZADAS - (NL) NIET GEBRUIK IS VERBODEN AAN NIET GEAUTORISEERDE PERSONEN - (EL) ΑΠΑΓΟΡΕΥΣΗ ΧΡΗΣΗΣ ΣΕ ΜΗ ΕΠΙΤΡΑΜΕΝΑ ΑΤΟΜΑ - (RO) FOLOSIREA DE CĂTRE PERSOANE NEAUTORIZATE ESTE INTERZISĂ - (SV) FÖRBJUDET FÖR ICKE AUKTORISERADE PERSONER ATT ANVÄNDA APPARATEN - (CS) ZÁKAZ POUŽÍTI NEPOVOLANÝM OSOBAŤ - (HR-SR) ZABRANJENA UPOTREBA NEOVLAŠTENIM OSOBAŤ - (PL) ZAKAZ UŻYWANIA OSOBOM NIEAUTORYZOWANYM - (FI) KÄYTTÖ KIELLETTY VALTUUTTAMATTOMILTA HENKILÖILTÄ - (DA) DET ER FORBUDT FOR UVEDKOMMENDE AT ANVENDNE MASKINEN - (NO) BRUK ER IKKE TILLATT FOR UAUUTORISERTE PERSONER - (SL) NEPOOBLAŠČENIM OSEBAM UPORABA PREPOVEDANA - (SK) ZÁKAZ POUŽÍŤIA NEPOVOLANÝM OSOBAŤ - (HU) TILOS A HASZNÁLATA A FEL NEM JOGOSÍTOTT SZEMÉLYEK SZÁMÁRA - (LT) PAŠALINIAMS NAUDOTIS DRAUDŽIAMA - (ET) SELLEKS VOLITAMATA ISIKUTEL ON SEADME KASUTAMINE KEELATUD - (LV) NEPIĻNVAROTĀM PERSONĀM IR AIZLIEGTIS IZMANTOT APARĀTU - (BG) ЗАБРАНЕНО Е ПОЛЗВАНЕТО О НЕУПЪЛНОМОЩЕНИ ЛИЦА - (AR) يحظر الاستخدام من قبل الأشخاص الغير مصرح لهم



(EN) Symbol indicating separation of electrical and electronic appliances for refuse collection. The user is not allowed to dispose of these appliances as solid, mixed urban refuse, and must do it through authorised refuse collection centres. - (IT) Simbolo che indica la raccolta separata delle apparecchiature elettriche ed elettroniche. L'utente ha l'obbligo di non smaltire questa apparecchiatura come rifiuto municipale solido misto, ma di rivolgersi ai centri di raccolta autorizzati. - (FR) Symbole indiquant la collecte différenciée des appareils électriques et électroniques. L'utilisateur ne peut éliminer ces appareils avec les déchets ménagers solides mixtes, mais doit s'adresser à un centre de collecte autorisé. - (ES) Símbolo que indica la recogida por separado de los aparatos eléctricos y electrónicos. El usuario tiene la obligación de no eliminar este aparato como desecho urbano sólido mixto, sino de dirigirse a los centros de recogida autorizados. - (DE) Symbol für die getrennte Erfassung elektrischer und elektronischer Geräte. Der Benutzer hat pflichtgemäß dafür zu sorgen, daß dieses Gerät nicht mit dem gemischt erfaßten festen Siedlungsabfall entsorgt wird. Stattdessen muß er eine der autorisierten Entsorgungsstellen einschalten. - (RU) Символ, указывающий на отдельный сбор электрического и электронного оборудования. Пользователь не имеет права выбрасывать данное оборудование в качестве смешанного твердого бытового отхода, а обязан обращаться в специализированные центры сбора отходов. - (PT) Símbolo que indica a reunião separada das aparelhagens eléctricas e electrónicas. O utente tem a obrigação de não eliminar esta aparelhagem como lixo municipal sólido misto, mas deve procurar os centros de recolha autorizados. - (NL) Symbool dat wijst op de gescheiden inzameling van elektrische en elektronische toestellen. De gebruiker is verplicht deze toestellen niet te lozen als gemengde vaste stadsafval, maar moet zich wenden tot de geautoriseerde ophaalcentra. - (EL) Σύμβολο που δείχνει τη διαφοροποιημένη συλλογή των ηλεκτρικών και ηλεκτρονικών συσκευών. Ο χρήστης υποχρεούται να μην διοχετεύει αυτή τη συσκευή σαν μικτό στερεό αστικό απόβλητο, αλλά να απευθύνεται σε ειδικευμένα κέντρα συλλογής. - (RO) Simbol ce indică depozitarea separată a aparatelor electrice și electronice. Utilizatorul este obligat să nu depoziteze acest aparat împreună cu deșeurile solide mixte ci să-l predea într-un centru de depozitare a deșeurilor autorizat. - (SV) Symbol som indikerar separat sortering av elektriska och elektroniska apparater. Användaren får inte sortera denna anordning tillsammans med blandat fast hushållsavfall, utan måste vända sig till en auktoriserad insamlingsstation. - (CS) Symbol označující separovaný sběr elektrických a elektronických zařízení. Uživatel je povinen nezikulivovat toto zařízení jako pevný smíšený komunální odpad, ale obrátit se s ním na autorizované sběrný. - (HR-SR) Simbol koji označava posebno sakupljanje električnih i elektronskih aparata. Korisnik ne smije odložiti ovaj aparat kao običan kruti otpad, već se mora obratiti ovlaštenim centrima za sakupljanje. - (PL) Symbol, który oznacza sortowanie odpadów aparatury elektrycznej i elektronicznej. Zabrania się likwidowania aparatury jako mieszanych odpadów miejskich stałych, obowiązkiem użytkownika jest skierowanie się do autoryzowanych ośrodków gromadzących odpady. - (FI) Symboli, joka ilmoittaa sähkö- ja elektroniikkalaitteiden erillisen keräyksen. Käyttäjän velvollisuus on kääntäen valtuutettujen keräyspisteiden puoleen eikä välttää laitetta kunnallisenä sekajätteenä. - (DA) Symbol, der står for særlig indsamling af elektriske og elektroniske apparater. Brugeren har pligt til ikke at bortskaffe dette apparat som blandet, fast byaffald; der skal rettes henvendelse til et autoriseret indsamlingscenter. - (NO) Symbol som angir separat sortering av elektriske og elektroniske apparater. Brukeren må oppfylle forpliktelsen å ikke kaste bort dette apparatet sammen med vanlige hjemmeavfall, uten henvende seg til autoriserte oppsamlingsentraler. - (SL) Simbol, ki označuje ločeno zbiranje električnih in elektronskih aparatov. Uporabnik tega aparata ne sme zavreči kot navaden gospodinjinski trden odpadke, ampak se mora obrniti na pooblašene centre za zbiranje. - (SK) Symbol označujúci separovaný zber elektrických a elektronických zariadení. Užívateľ nesmie likvidovať toto zariadenie ako pevný zmiešaný komunálny odpad, ale je povinný doručiť ho do autorizovaného zberní. - (HU) Jelölés, mely az elektromos és elektronikus felszerelések szelektív hulladékgyűjtését jelzi. A felhasználó köteles ezt a felszerelést nem a városi törmelék hulladékkal együttesen gyűjteni, hanem erre engedéllyel rendelkező hulladékgyűjtő központhoz fordulni. - (LT) Simbols, nurodantis atskirų nebeuodaujamų elektrinių ir elektroninių prietaisų surinkimą. Vartotojas negali išmesti šių prietaisų kaip mišrių kietųjų komunalinių atliekų, bet privalo kreiptis į specializuotus atliekų surinkimo centrus. - (ET) Sümbol, mis tähistab elektri- ja elektroonikaseadmete eraldi kogumist. Kasutaja kohustuseks on pöörduda volitatud kogumiskeskuste poole ja mitte käsitleda seda aparati kui munitsipaalne segajääd. - (LV) Simbols, kas norāda uz to, ka utilizācija ir jāveic atsevišķi no citām elektriskajām un elektroniskajām ierīcēm. Lietotāja pienākums ir neizņemot šo aparātu municipālajā cieta atkritumu izgāztnē, bet nogādāt to pilnvarotajā atkritumu savākšanas centrā. - (BG) Символ, който означава разделно събиране на електрическата и електронна апаратура. Ползвателят се задължава да не изхвърля тази апаратура като смесен твърд отпадък в контейнерите за смет, поставени от общината, а трябва да се обърне към специализираните за това центрове. - (AR) رمز يُشير إلى التجميع المنفصل للأجهزة الكهربائية والإلكترونية. يجب على المستخدم عدم التخلص من هذا الجهاز وكأنه نفايات البلدية الصلبة المختلطة، بل عليه التوجه إلى مراكز تجميع النفايات المُصرح بها



**WARNING! BEFORE USING THE WELDING MACHINE READ THE INSTRUCTION MANUAL CAREFULLY.**

ARC WELDING MACHINES TO WELD SLOTTED WASHERS AND PINS PLANNED FOR PROFESSIONAL AND INDUSTRIAL USE.

NB: In the text that follows, the term "welding machine" will be used.

### 1. GENERAL SAFETY CONSIDERATIONS FOR ARC WELDING

The operator should be properly trained to use the welding machine safely and should be informed about the risks related to arc welding procedures, the associated protection measures and emergency procedures.

(Please refer to the applicable standard "EN 60974-9: Arc welding equipment. Part 9: Installation and Use).



- Avoid direct contact with the welding circuit: the no-load voltage supplied by the welding machine can be dangerous under certain circumstances.
- When the welding cables are being connected or checks and repairs are carried out the welding machine should be switched off and disconnected from the power supply outlet.
- Switch off the welding machine and disconnect it from the power supply mains before replacing the worn parts of the gun.
- Make the electrical connections and installation according to the safety rules and legislation in force.
- The welding machine should be connected only and exclusively to a power source with the neutral lead connected to earth.
- Make sure that the power supply plug is correctly connected to the earth protection outlet.
- Do not use the welding machine in damp or wet places and do not weld in the rain.
- Do not use cables with worn insulation or loose connections.



- Do not weld on containers or piping that contains or has contained flammable liquid or gaseous products.
- Do not operate on materials cleaned with chlorinated solvents or near such substances.
- Do not weld on containers under pressure.
- Remove all flammable materials (e.g. wood, paper, rags etc.) from the working area.
- Provide adequate ventilation or facilities for the removal of welding fumes near the arc; a systematic approach is needed in evaluating the exposure limits for the welding fumes, which will depend on their composition, concentration and the length of exposure itself.



- Use adequate electrical insulation with regard to the electrode, the work piece and any (accessible) earthed metal parts in the vicinity. This is normally achieved by wearing gloves, shoes, head coverings and clothing designed for this purpose and by using insulating platforms or mats.
  - Always protect your eyes with the relative filters, which must comply with UNI EN 169 or UNI EN 379, mounted on masks or use helmets that comply with UNI EN 175.
- Use the relative fire-resistant clothing (compliant with UNI EN 11611) and welding gloves (compliant with UNI EN 12477) without exposing the skin to the ultraviolet and infrared rays produced by the arc; the protection must extend to other persons who are near the arc by way of screens or non-reflective sheets.
- Noise: If the daily personal noise exposure (LEPd) is equal to or higher than 85 dB(A) because of particularly intensive welding operations, suitable personal protective means must be used (Tab. 1).



- The flow of the welding current generates electromagnetic fields (EMF) around the welding circuit.

Electromagnetic fields can interfere with certain medical equipment (e.g. Pace-makers, respiratory equipment, metallic prostheses etc.). Adequate protective measures must be adopted for persons with these types of medical apparatus. For example, they must be forbidden access to the area in which welding machines are in operation.

This welding machine conforms to technical product standards for exclusive use in an industrial environment for professional purposes. It does not assure compliance with the basic limits relative to human exposure to electromagnetic fields in the domestic environment.

The operator must adopt the following procedures in order to reduce exposure to electromagnetic fields:

- Fasten the two welding cables as close together as possible.
- Keep head and trunk as far away as possible from the welding circuit.
- Never wind welding cables around the body.
- Avoid welding with the body within the welding circuit. Keep both cables on the same side of the body.
- Connect the welding current return cable to the piece being welded, as close as possible to the welding joint.
- Do not weld while close to, sitting on or leaning against the welding machine (keep at least 50 cm away from it).
- Do not leave objects in ferromagnetic material in proximity of the welding circuit.
- Minimum distance  $d = 20$  cm (Fig. I).



- Class A equipment:

This welding machine conforms to technical product standards for exclusive use in an industrial environment and for professional purposes. It does not assure compliance with electromagnetic compatibility in domestic dwellings and in premises directly connected to a low-voltage power supply system feeding buildings for domestic use.



### EXTRA PRECAUTIONS

- **WELDING OPERATIONS:**
  - In environments with increased risk of electric shock
  - In confined spaces
  - In the presence of flammable or explosive materials**MUST BE** evaluated in advance by an "Expert supervisor" and must always be carried out in the presence of other people trained to intervene in emergencies.
- All protective technical measures **MUST** be taken as provided in 7.10; A.8; A.10 of the applicable standard EN 60974-9: Arc welding equipment. Part 9: Installation and Use".
- The operator **MUST NOT BE ALLOWED** to weld in raised positions unless safety platforms are used.
- **VOLTAGE BETWEEN GUNS OR TORCHES:** working with multiple welding machines on a single part or on multiple parts electrically connected, a dangerous amount of loadless voltages can be generated between two different electrode holders or torches, at a value that can reach double the permitted limit.
- An expert coordinator must be designated to measuring the apparatus to determine if any risks subsist and suitable protection measures can be adopted, as foreseen by section 7.9 of the applicable standard "EN 60974-9: Arc welding equipment. Part 9: Installation and Use".



### RESIDUAL RISKS

- **IMPROPER USE:** use is dangerous of the welding machine for any work other than that planned.
- Do not use the handle to hang the welding machine.

## 2. INTRODUCTION AND GENERAL DESCRIPTION

This welding machine is a source of current for arc welding, manufactured specifically for welding SLOTS and PINS used for bodyshop repairs.

The characteristics of this adjustment system (INVERTER), such as the high

speed and precision of adjustment, give the welding machine excellent welding quality.

Adjustment with the "inverter" system on the power line (primary) input also determines a drastic reduction in volume both of the transformer and the levelling reactance, allowing manufacture of a welding machine with extremely contained volume and weight, enhancing its manageability and movement.

#### STANDARD ACCESSORIES:


- Spot-welding cable with gun.
- Slotted washers kit (see updated catalogue)

#### 3. TECHNICAL DATA

##### DATA PLATE

The most important data regarding use and performance of the welding machine are summarised on the rating plate and have the following meaning:

Fig. A

- 1- Protection rating of the covering.
- 2- Symbol for power supply line:  
1~ : single phase alternating voltage;  
3~ : three phase alternating voltage.
- 3- Symbol **5** : indicates that welding operations may be carried out in environments with heightened risk of electric shock (e.g. very close to large metallic volumes).
- 4- Symbol for welding procedure provided.
- 5- Symbol for internal structure of the welding machine.
- 6- EUROPEAN standard of reference, for safety and construction of arc welding machines.
- 7- Manufacturer's serial number for welding machine identification (indispensable for technical assistance, requesting spare parts, discovering product origin).
- 8- Performance of the welding circuit:
  - $U_0$  : maximum no-load voltage.
  - $I/U_0$  : current and corresponding normalised voltage that the welding machine can supply during welding
  - **X** : Duty cycle ratio: indicates the frequency with which the welding machine can supply the corresponding current (same column). It is expressed as a %, on the basis of a fixed welding time equal to 60ms (for example: 2% = 60ms / 3s \* 100 therefore corresponds to a spot every three seconds).If the usage factors (on the plate, referring to a 40°C environment) are exceeded, the thermal safeguard will trigger (the welding machine will remain in stand-by until its temperature returns within the allowed limits).
- **A/V-A/V** : shows the range of adjustment for the welding current (minimum-maximum) at the corresponding arc voltage.
- 9- Technical specifications for power supply line:
  - $U_1$  : Alternating voltage and power supply frequency of welding machine (allowed limit  $\pm 10\%$ );
  - $I_{1max}$  : Maximum current absorbed by the line.
  - $I_{1eff}$  : effective current supplied.
- 10-  : Size of delayed action fuses to be used to protect the power line.
- 11- Symbols referring to safety regulations, whose meaning is given in chapter 1 "General safety considerations for arc welding".

Note: The data plate shown above is an example to give the meaning of the symbols and numbers; the exact values of technical data for the welding machine in your possession must be checked directly on the data plate of the welding machine itself.

#### OTHER TECHNICAL DATA

- **WELDING MACHINE:**
  - see table 1 (TAB.1)

The weight of the welding machine is given in the table 1 (TAB.1)

#### 4. DESCRIPTION OF THE WELDING MACHINE

The unit is comprised of power modules which have been developed on a specially printed circuit designed to maximise reliability and reduce maintainance.

Fig. B

- 1- Power supply input (1~) / (3~), rectifier group and balancing capacitors.
- 2- Transistors and drivers switching bridge (IGBT).  
It turns the mains rectified voltage into high frequency alternate voltage and permits power regulation according to the current/voltage of the weld to be done.

- 3- High frequency transformer: the primary windings are fed by the voltage converted by Block 2, it has the function of adapting voltage and current to the values required by the arc welding procedure and, simultaneously, isolates the welding circuit from the mains.
- 4- Secondary rectifier bridge with inductance: this changes the alternate voltage/current supplied by the secondary windings into continuous current/voltage at a low wave-length.
- 5- Electronic and regulation board: this instantly checks the value of the welding current against that selected by the user, it modulates the commands of the IGBT drivers, which control Regulation. Determines the dynamic response of the current while the electrode melts (instantaneous short circuits), and supervises the safety systems.

#### CONTROL, ADJUSTMENT AND CONNECTION DEVICES

##### WELDING MACHINE


##### At the front:

Fig. C

- 1- Positive (+) fast coupling for connecting the welding cable.
- 2- **YELLOW LED**: normally open, when on it indicates an anomaly that blocks the welding current for various reasons which can be:
  - **Thermal protection**: an excess temperature has been reached inside the welding machine. The machine remains on without supplying current until a normal temperature is reached. Reset is automatic.
  - **Protection against short circuit of the electrodes**: automatically blocks the welding machine, if the electrodes of the gun are accidentally placed in short circuit for more than 30s (for example resting the gun on the sheet metal).
  - **Protection against repeated welding on the same consumable (washer/pin)**: welding cannot be wrongly repeated on the same consumable because machine control requires lifting the gun off the just welded sheet metal.
- 3- **GREEN LED**: indicates the welding machine is connected to the mains and is ready for operation.
- 4- Potentiometer for welding current adjustment with graduated scale in Amperes.
- 5- Negative (-) quick coupling for connecting the welding cable;
- 6- 14 PIN connector to activate the welding gun.

##### At the back:

Fig. D

- 1- Power supply cable 2p +  (1~) with EEC plug where planned.
- 2- Main switch O/OFF - I/ON (light where planned).

#### 5. INSTALLATION



**WARNING! CARRY OUT ALL INSTALLATION OPERATIONS AND ELECTRICAL CONNECTIONS WITH THE WELDING MACHINE COMPLETELY SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY OUTLET. THE ELECTRICAL CONNECTIONS MUST BE MADE ONLY AND EXCLUSIVELY BY AUTHORISED OR QUALIFIED PERSONNEL.**

##### PREPARATION

Unpack the welding machine, assemble the separate parts contained in the package.

##### HOW TO LIFT THE WELDING MACHINE

All the welding machines described in this handbook should be lifted using the handle or strap supplied if provided for the particular model.

##### POSITION OF THE WELDING MACHINE



Choose the place to install the welding machine so that the cooling air inlets and outlets are not obstructed (forced circulation by fan, if present); at the same time make sure that conductive dusts, corrosive vapours, humidity etc. will not be sucked into the machine.  
Leave at least 250mm free space around the welding machine.



**WARNING! Position the welding machine on a flat surface with sufficient carrying capacity for its weight, to prevent it from tipping or moving hazardously.**

##### CONNECTION TO THE MAIN POWER SUPPLY

- Before making any electrical connection, make sure the rating data of the welding machine correspond to the mains voltage and frequency available at the place of installation.

- The welding machine should only be connected to a power supply system with the neutral conductor connected to earth.
- To ensure protection against indirect contact use residual current devices of the following types:
  - Type A () for single phase machines;
  - Type B () for 3-phase machines.
- In order to satisfy the requirements of the EN 61000-3-11 (Flicker) standard we recommend connecting the welding machine to the interface points of the main power supply that have an impedance of less than:
  - $Z_{max} = 0.170 \text{ Ohm}$ .
  - the welding machine does not fall within the requisites of IEC/EN 61000-3-12 standard.
 Should it be connected to a public mains system, it is the installer's responsibility to verify that the welding machine itself is suitable for connecting to it (if necessary, consult the distribution network company).
- Unless otherwise specified (MPGE), the welding machines are compatible with power generating sets for voltage oscillations up to  $\pm 15\%$ .  
For correct use, the power generating set must be brought to steady conditions before being able to connect the inverter.

#### PLUG AND OUTLET:

- **The 230V model** is fitted at the factory with a power supply cable and normalised plug, (2P +  $\oplus$ ) 16A/250V.  
It can therefore be connected to a mains outlet fitted with fuses or an automatic circuit-breaker; the special earth terminal should be connected to the earth conductor (yellow-green) of the power supply line.  
Table (TAB.1) shows the recommended delayed fuse sizes in amps, chosen according to the max. nominal current supplied by the welding machine, and the nominal voltage of the main power supply.



**WARNING!** Failure to observe the above rules will make the (Class 1) safety system installed by the manufacturer ineffective with consequent serious risks to persons (e.g. electric shock) and objects (e.g. fire).

#### CONNECTION OF THE WELDING CABLES



**WARNING!** BEFORE MAKING THE FOLLOWING CONNECTIONS MAKE SURE THE WELDING MACHINE IS SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY OUTLET.

#### WELDING OPERATIONS

##### Gun connection

- Connect the 14 PIN connector of the gun to the specific socket of the generator (Fig. C-6).
- Connect the gun cables to the generator using the specific male DINSE and respecting the correct polarities (on "+" the red cable and "-" the black cable).

##### Recommendations:

- Fully rotate the welding cable connectors in the fast coupling (if present), to guarantee perfect electrical contact; on the contrary, the connectors will overheat causing their rapid wear and loss of efficiency.

##### Consumable insertion and gun adjustment

- Insert the slotted washer (Fig. E-1) in the specific electrode holder (Fig. E-2).  
NB: If consumables are used other than the slotted washer, comply with the instructions sheet attached to them.
- Loosen the ring nut in Fig. F-1 and adjust the copper electrode as in Fig. F-2.
- Using the nut in Fig. F-3 with a 17 hex key, adjust the stroke of the slotted washer as in Fig. F-4: the stroke of the figure is measured by manually withdrawing the electrode holder towards the gun.



##### ATTENTION:

- **Adjust the stroke only if the factory settings are not satisfactory, taking into consideration an excessive stroke causes the arc to**

**extinguish and too short a stroke will not strike the arc.**

- **Close the fastening ring nuts manually, do not use tools or clamps!**

#### 6. WELDING: PROCESS DESCRIPTION

- Position the gun perpendicular to the sheet metal to spot weld and exert a light force to loosen the end of the electrode with the tip of the consumable (Fig. G-1).
- Press and release the trigger, while keeping the gun pressed on the sheet metal (Fig. H): in a few fractions of a second, the arc strikes and a slight recoil generates in the gun.
- When complete, lift the gun perpendicularly, removing the consumable which remains welded on the sheet metal.

##### Recommendations for a good result

- Keep the surfaces to weld clean.
- Keep the end of the copper electrode clean.
- Keep the end of the consumable to weld pointed.

#### 7. MAINTENANCE



**WARNING!** BEFORE CARRYING OUT MAINTENANCE OPERATIONS MAKE SURE THE WELDING MACHINE IS SWITCHED OFF AND DISCONNECTED FROM THE MAIN POWER SUPPLY.

##### EXTRAORDINARY MAINTENANCE

**EXTRAORDINARY MAINTENANCE MUST ONLY BE CARRIED OUT BY TECHNICIANS WHO ARE EXPERT OR QUALIFIED IN THE ELECTRIC-MECHANICAL FIELD, AND IN FULL RESPECT OF THE IEC/EN 60974-4 TECHNICAL DIRECTIVE.**



**WARNING!** BEFORE REMOVING THE WELDING MACHINE PANELS AND WORKING INSIDE THE MACHINE MAKE SURE THE WELDING MACHINE IS SWITCHED OFF AND DISCONNECTED FROM THE MAIN POWER SUPPLY OUTLET.

**If checks are made inside the welding machine while it is live, this may cause serious electric shock due to direct contact with live parts and/or injury due to direct contact with moving parts.**

- Inspect the welding machine regularly, with a frequency depending on use and the dustiness of the environment, and remove the dust deposited on the transformer, rectance and rectifier using a jet of dry compressed air (max. 10bar).
- Do not direct the jet of compressed air on the electronic boards; these can be cleaned with a very soft brush or suitable solvents.
- At the same time make sure the electrical connections are tight and check the wiring for damage to the insulation.
- At the end of these operations re-assemble the panels of the welding machine and screw the fastening screws right down.
- Never, ever carry out welding operations while the welding machine is open.
- After having carried out maintenance or repairs, restore the connections and wiring as they were before, making sure they do not come into contact with moving parts or parts that can reach high temperatures. Tie all the wires as they were before, being careful to keep the high voltage connections of the primary transformer separate from the low voltage ones of the secondary transformer.  
Use all the original washers and screws when closing the casing.

#### 8. TROUBLESHOOTING

**IN THE EVENT OF UNSATISFACTORY OPERATION, AND BEFORE CARRYING OUT THE MOST SYSTEMATIC CHECKS OR CONTACTING YOUR SUPPORT CENTRE, CHECK:**

- The welding current, adjusted using the potentiometer with reference to the graduated scale in amperes, is adequate for the type of consumable used.
- With the main switch "ON", the relevant light is on; on the contrary, the defect normally lies on the power line (cables, socket and/or plug, fuses, etc.).
- The yellow led is not on, signalling intervention of the safety thermal switch or short circuit.
- Ensure you have observed the nominal duty cycle ratio; in the event of intervention of the thermostatic protection, wait for the welding machine to cool naturally, check the fan is working.
- Check the line voltage: if the value is too high or too low, the welding machine remains blocked.
- Check there is no short circuit on welding machine output: in this case,