

Ecodesign Requirements

Hypertherm®

ArcGlide® THC

811330MU | Revision 0 | January 2021

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ArcGlide THC Ecodesign requirements

811330 Revision 0 – January 2021

English

ArcGlide control module

Idle state power consumption	18.4 W
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ArcGlide human machine interface (HMI)

Idle state power consumption	3.12 W
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Critical raw materials

Critical raw material	Components that contain more than 1 gram
Borate	All printed circuit boards
Cobalt	Torch breakaway and motor
Indium	Liquid-crystal display
Magnesium	Heatsinks, metal panels, and metal brackets
Natural graphite	Motor
Phosphorus	Sheet metal panels
Rare earth elements (heavy and light)	Torch breakaway and motor
Silicon metal	Heatsinks, metal panels, and metal brackets

ArcGlide THC Ecodesign-Anforderungen

811330MU Revision 0 – Januar 2021

Deutsch/German

ArcGlide-Steuermodul

Stromverbrauch im Leerlauf	18,4 W
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ArcGlide-Mensch-Maschine-Schnittstelle (HMI)

Stromverbrauch im Leerlauf	3,12 W
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Kritische Rohmaterialien

Kritische Rohmaterialien	Komponenten, die mehr als 1 Gramm enthalten
Borat	Alle Leiterplatten
Kobalt	Brenner-Abschaltdose und Motor
Indium	Flüssigkristallanzeige (LCD)
Magnesium	Kühlkörper, Metallabdeckungen und Metallklammern
Naturgraphit	Motor
Phosphor	Feinbleche
Seltene Erden (schwer und leicht)	Brenner-Abschaltdose und Motor
Siliziummetall	Kühlkörper, Metallabdeckungen und Metallklammern

Requisitos de biodiseño del ArcGlide THC

811330MU Revisión 0 – Enero de 2021

Español/Spanish

Módulo de control ArcGlide

Consumo de energía en estado de reposo	18,4 W
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Interfaz hombre-máquina (HMI) de ArcGlide

Consumo de energía en estado de reposo	3,12 W
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Materias primas fundamentales

Materia prima fundamental	Componentes que contienen más de 1 gramo
Borato	Todas las tarjetas de circuito impreso
Cobalto	Anti-colisión de antorcha y motor
Indio	Pantalla de cristal líquido
Magnesio	Disipadores de calor, paneles de metal y soportes de metal
Grafito natural	Motor
Fósforo	Paneles de lámina de metal
Elementos de tierras raras (pesados y livianos)	Anti-colisión de antorcha y motor
Metal de silicio	Disipadores de calor, paneles de metal y soportes de metal

Exigences en matière d'écoconception des dispositifs de réglage en hauteur de la torche ArcGlide

811330MU Révision 0 – Janvier 2021

Français/French

Module de commande ArcGlide

Consommation d'énergie à l'arrêt	18,4 W
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Interface homme-machine (IHM) ArcGlide

Consommation d'énergie à l'arrêt	3,12 W
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Matières premières essentielles

Matière première essentielle	Composants qui en contiennent plus d'1 gramme
Borate	Tous les circuits imprimés
Cobalt	Décrochage de la torche et moteur
Indium	Affichage à cristaux liquides
Magnésium	Dissipateurs thermiques, panneaux en métal et supports en métal
Graphite naturel	Moteur
Phosphore	Panneaux en tôle
Minerais rares (lourds et légers)	Décrochage de la torche et moteur
Silicium métallique	Dissipateurs thermiques, panneaux en métal et supports en métal

ArcGlide Requisiti di eco-progettazione del THC

811330MU Revisione 0 – Gennaio 2021

Italiano/Italian

Modulo di controllo ArcGlide

Consumo di energia in stato inattivo	18,4 W
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Interfaccia uomo-macchina (IUM) di ArcGlide

Consumo di energia in stato inattivo	3,12 W
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Materie prime critiche

Materia prima critica	Componenti che ne contengono più di 1 grammo
Borati	Tutte le schede a circuito stampato
Cobalto	Meccanismo di scollamento della torcia e motore
Indio	Display a cristalli liquidi
Magnesio	Dissipatori, pannelli in metallo e staffe in metallo
Grafite naturale	Motore
Fosforo	Pannelli in lamiera
Elementi terrestri rari (pesanti e leggeri)	Meccanismo di scollamento della torcia e motore
Silicio metallico	Dissipatori, pannelli in metallo e staffe in metallo

Requisitos de ecodesign do THC ArcGlide

811330MU Revisão 0 – Janeiro de 2021

Português/Portuguese

Módulo de controle ArcGlide

Consumo de energia em estado inativo	18,4 W
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Interface homem-máquina (HMI) do ArcGlide

Consumo de energia em estado inativo	3,12 W
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Matérias-primas essenciais

Matéria-prima essencial	Componentes que contêm mais de 1 grama
Borato	Todas as placas de circuito impresso
Cobalto	Deslocamento da tocha e motor
Índio	Tela de cristal líquido
Magnésio	Dissipadores de calor, painéis de metal e suportes de metal
Gráfito natural	Motor
Fósforo	Painéis de lâmina metálica
Terras raras (pesadas e leves)	Deslocamento da tocha e motor
Silício metálico	Dissipadores de calor, painéis de metal e suportes de metal

Требования по экологическому проектированию для ArcGlide THC

811330MU 0-я редакция, январь 2021 г.

Русский/Russian

Модуль управления ArcGlide

Потребляемая мощность в режиме простоя	18,4 Вт
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Человеко-машинный интерфейс (ЧМИ) ArcGlide

Потребляемая мощность в режиме простоя	3,12 Вт
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Критически важные сырьевые материалы

Материал	Компоненты, которые содержат более 1 грамма указанного материала
Бораты	Все печатные платы
Кобальт	Блок отключения резака и двигатель
Индий	ЖК-дисплей
Магний	Теплоотводы, металлические панели и скобы
Естественный графит	Двигатель
Фосфор	Панели из тонколистового металла
Редкоземельные элементы (тяжелые и легкие)	Блок отключения резака и двигатель
Металлический кремний	Теплоотводы, металлические панели и скобы

ArcGlide THC Ekolojik tasarım gereksinimleri

811330MU Revizyon 0 - Ocak 2021

Türkçe/Turkish

ArcGlide kontrol modülü

Boşta durumunda güç tüketimi	18,4 W
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ArcGlide insan makine arayüzü (HMI)

Boşta durumunda güç tüketimi	3,12 W
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Kritik ham maddeler

Kritik ham madde	1 gramdan fazla içeren bileşenler
Borat	Tüm baskı devre kartları
Kobalt	Torç kırılmasını önleyici ve motor
İndiyum	Sıvı kristal ekran
Magnezyum	Soğutma blokları, metal paneller ve metal destekler
Doğal grafit	Motor
Fosfor	Metal plaka panelleri
Nadir toprak elementleri (ağır ve hafif)	Torç kırılmasını önleyici ve motor
Silikon metal	Soğutma blokları, metal paneller ve metal destekler

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