



**Richpeace**

# Richpeace Computerized Cutting Machine For Automotive

RPFP-NM-PD+DKC-1-800×1450-DGSF-P+CK+EVK-PG+AF+AR-3P380

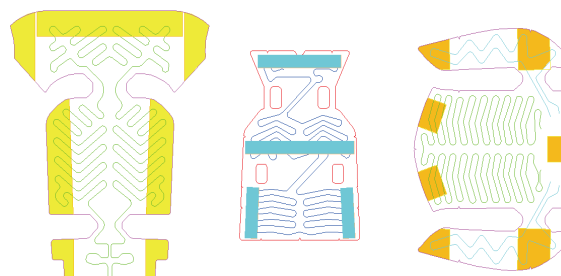


## Features

1. Composed of Loading Platform + Lighting System + Industrial Camera Auto Identification System + Cutting System + Feeding & Receiving System.
2. Two gantries are each equipped with one industrial high-definition camera to take pictures, and identify the cutting materials from loading platform.
3. Lighting system provides stable light source for taking pictures.
4. Intelligent software program computes the data from two cameras captured images. Two cutters complete the cutting task at the same time;
5. Cutting system can store different products information, software will auto finish the cutting task after intelligent recognition.
6. Feeding system delivers material with constant tension, and compatible with automatic film attachment, to ensure material with vacuum adsorption and fixed. Collecting system receiving cutting pieces, and scrap is separated automatically and rolled up.

## Application

Suitable for automatic cutting of car seats & steering wheels with heating parts. Integrates intel-visualization, automatic feeding & lamination, auto receiving, text labeling, heating wire cutting & fabric cutting in a whole. With high-frequency vibration knife and round knife cutting, cutting edges of material is clean and smooth.



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## Parameters

<b>Model</b>	<b>RPFP-NM-PD+DKC-1-800×1450-DGSF-P+CK+EVK-PG+AF+AR-3P380</b>
<b>Max. Cutting Area of Single Gantry</b>	800mm×1450mm
<b>Working Mode</b>	Double Gantries Cutting Simultaneously
<b>Cutting Method</b>	Round Knife + Vibration Knife + Drilling Tools
<b>Vibrating Knife Speed</b>	18000 RPM
<b>Round Knife Speed</b>	10000 RPM
<b>Continuous Cutting</b>	Support Auto Feeding + Continuous Cutting
<b>Automatic Collecting</b>	Simple Collection System ( separate cutting pieces and scrap automatically)
<b>Average Cutting Speed</b>	3.8 M/MIN.
<b>Cutting Material Thickness</b>	≤5MM
<b>Material Fixing Method</b>	Surface Static Friction + Vacuum Adsorption
<b>Control System</b>	Panasonic Full Servo Control
<b>Working Voltage</b>	3 Phase AC380V ±10%
<b>Power</b>	5kW

## Configuration

Industrial high-definition vision system (equipped with dual high-definition industrial cameras + LED full coverage lighting system, auto identify and positioning cutting material, apply database for accurate cutting.



Whole machine equipped with Panasonic servo system, to ensure reliable operation.



Double gantries are used to cut simultaneously, to achieve twice the processing efficiency.



Standard with 20-core CPU computing system, extremely data processing power. Maximized the production efficiency.

