

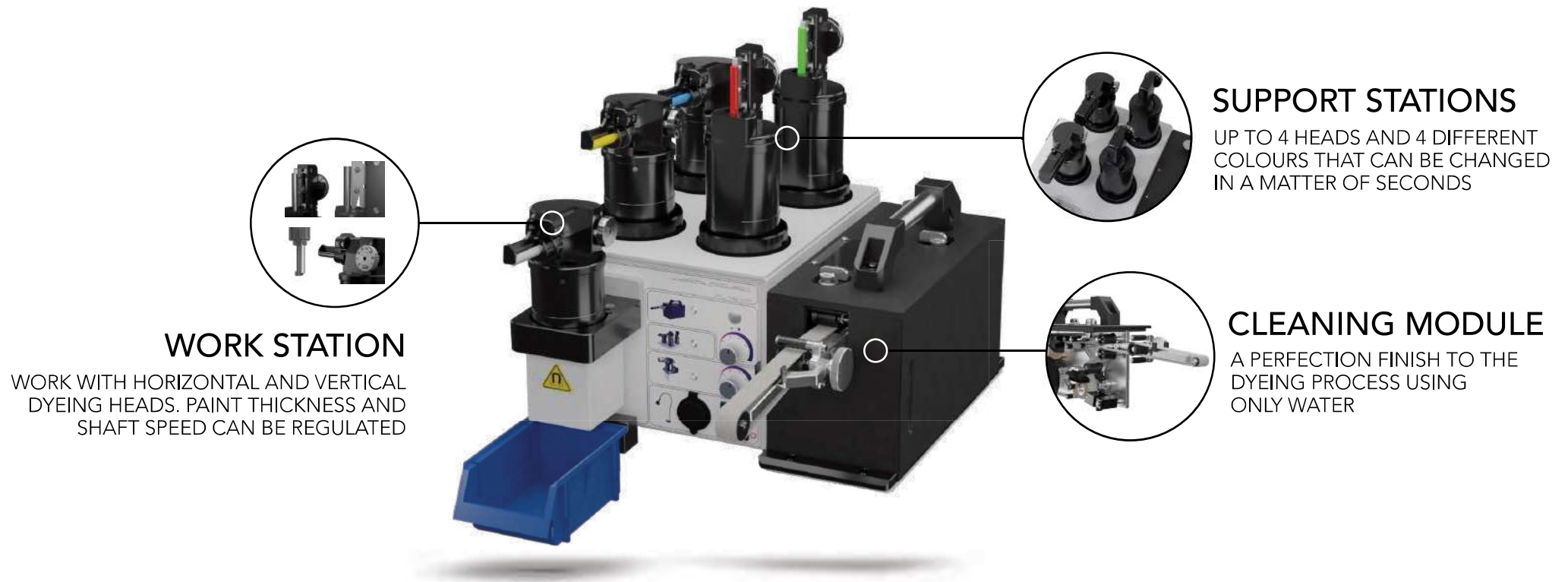


# REvolution in edge colouring and energy efficiency



## COMBINED EDGE PAINTING SYSTEM FOR SINGLE PARTS "PL 1200"

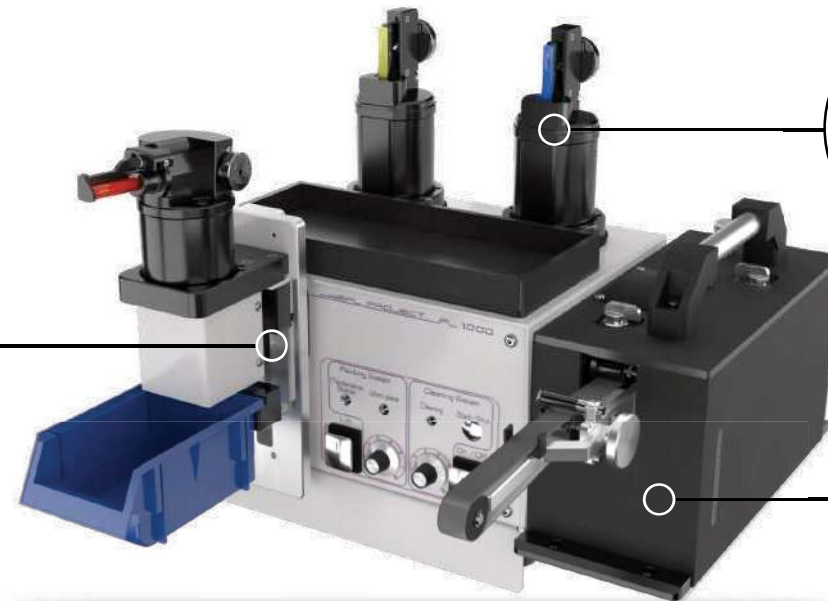
The „PL 1200“ painting system combines in a smooth harmony a dyeing aggregate with a support station. This optimal combination enables the use of all types of painting heads developed by PL Project. A few patents pending due to this invention.



\*Technical data given in this catalogue are approximate and the pictures may vary.

## COMBINED EDGE PAINTING SYSTEM FOR SINGLE PARTS "PL 1000"

The „PL 1000“ painting system combines in a smooth harmony a dyeing aggregate with a support station. This optimal combination enables the use of all types of painting heads developed by PL Project. A few patents pending due to this invention.



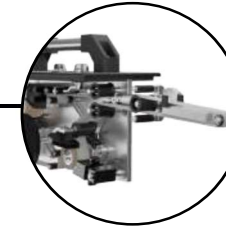
### ADJUSTABLE STATION

ADJUST THE HEIGHT OF THE WORKING STATION AS IT BEST FITS YOU



### SUPPORT STATIONS

UP TO 2 HEADS AND 2 DIFFERENT COLOURS THAT CAN BE CHANGED IN A MATTER OF SECONDS



### CLEANING MODULE

A PERFECTION FINISH TO THE DYEING PROCESS USING ONLY WATER



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TAKING A **STEP FURTHER** WITH OUR NEW EDGE COLOURING

# BLUE PLANET LINE

USING **ULTRA-LOW ENERGY** CONSUMPTION

2,5W



DYEING MACHINE

BPL1310

5W



SUPPORT STATION

BPL1320

15W



CLEANING MACHINE

BPL1330





## HEADS OPTIONS

AVAILABILITY TO USE  
HORIZONTAL OR VERTICAL HEAD



## HEIGHT ADJUSTMENT

UP TO 200MM



## SPEED CONTROL

UP TO 8 DIFFERENT LEVELS

## DYEING MACHINE

BPL1310

 **2,5W**  
energy  
consumption



*"The user can adjust its height and can adjust the speed. By adding the ability of either of the two heads, vertical or horizontal, to adjust the thickness of the paint layer, we get a perfect synergy - the only machine allowing so many different and precise adjustments"*

Lyubomir Borisov

Technical director at PL PROJECT

## BPL specification

The machines of the line are designed as

### **STAND-ALONE MACHINES**

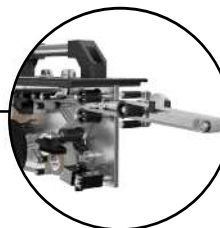
so the manufacturer can organise the workplace for dyeing the edges of leather parts by himself.



## CLEANING MACHINE

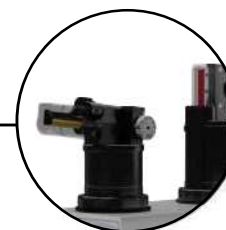
BPL1330

 **15W**  
energy  
consumption



### CLEANING MACHINE

A PERFECTION FINISH TO THE DYEING  
PROCESS USING ONLY WATER



### INDEPENDENT HEADS

USE MORE THAN ONE COLOUR AND  
CHANGE HEADS QUICKLY

### SUPPORT STATION

BPL1320

 **5W**  
energy  
consumption

*"One of the core challenges that companies face today is the **adoption of machines and technologies** whose power **consumption is minimal**. Not only to reduce production costs, but also with the **goal of preserving the planet and the environment**."*

Plamen Tzonev, CEO  
PL PROJECT



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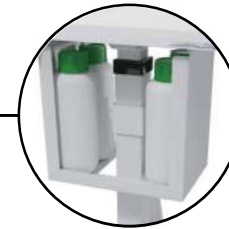
## ADJUSTABLE ELECTRIC TABLE "PL 2000"

WITH HEIGHT ADJUSTMENT FROM 800MM TO 1200MM AND LOAD CAPACITY OF UP TO 50 KG



### CONTROL PANEL

THE HEIGHT OF THE TABLE STARTS FROM 800MM UP TO 1200MM.



### PAINT HOLDER

ANY ADDITIONAL COLOUR BOTTLE NEEDED IS JUST A HAND DISTANCE



### LOCK THE WHEELS

IF YOU WANT TO KEEP THE TABLE STABLE JUST LOCK ITS WHEELS



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## ADJUSTABLE ELECTRIC TABLE WITH AUTOMATIC DYEING SYSTEM

PL2000

PL1200

### WORK STATION

WORK WITH HORIZONTAL AND VERTICAL  
DYEING HEADS. PAINT THICKNESS AND  
SHAFT SPEED CAN BE REGULATED



### SUPPORT STATIONS

UP TO 4 HEADS AND 4 DIFFERENT  
COLOURS THAT CAN BE CHANGED  
IN A MATTER OF SECONDS



### CLEANING MODULE

A PERFECTION FINISH TO THE  
DYEING PROCESS USING  
ONLY WATER



PL2000

PL1000



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**PATENTED REVOLUTIONARY TECHNOLOGY FOR THE  
DYEING OF EDGES AND FINISHED PRODUCTS**



HORIZONTAL  
HEAD

VERTICAL  
HEAD



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These containers could contain three different types and / or colours of paints or one of them to have a base (filler).



Due to the design of the head, namely the possibility of tightly closing the cap and due to the constant rotation of the shaft, the paint does not dry or evaporate

DON'T STOP YOUR  
**WORKFLOW**  
IF YOU DON'T NEED TO

*"Work all day long  
without the need to clean  
any of the three heads"*

WORK  
**SIMULTANEOUSLY**  
WITH 3 CONTAINERS



The only machine that allows adjusting the amount of paint in ten steps, each of which is 0.075 mm and the total turnover from 0 to 10 is 0.75 mm.

EXCEPTIONAL  
**PRECISION**  
WHEN ADJUSTING THE  
AMOUNT OF PAINT

QUICK HEAD  
**CHANGE**  
IN ONE MOTION



A special container gripping system does not require any additional intervention from the operator.



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FAST AND EASY  
**CLEANING**  
OF THE HEADS

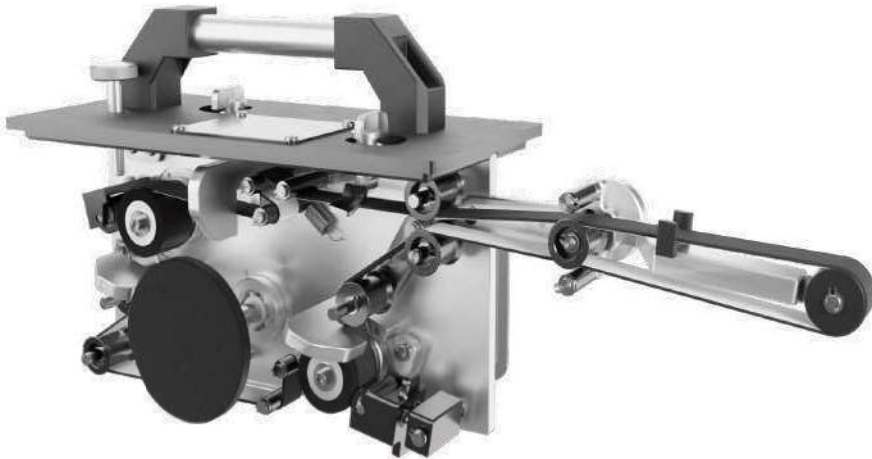
The number of parts in the working head are eight. This allows quick and easy assembly, disassembly and cleaning off individual parts at the end of the working day.



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# PERFECTION USING THE CLEANING MODULE

Clean the excess paint from the edge of the part that has been painted, thus achieving exceptional painting quality.  
The strap through which the part is cleaned is made of a special material that has great durability and resistance.



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*"The experience we gained in connection  
with the different preferences of our customers  
led us to the concept of offering a*

# MODULAR SYSTEM"

The customer has the option to choose from a huge number of different configurations that allow him to purchase both a single work head and a complete set that includes three work heads, a part cleaning unit and even an anti-drop container.

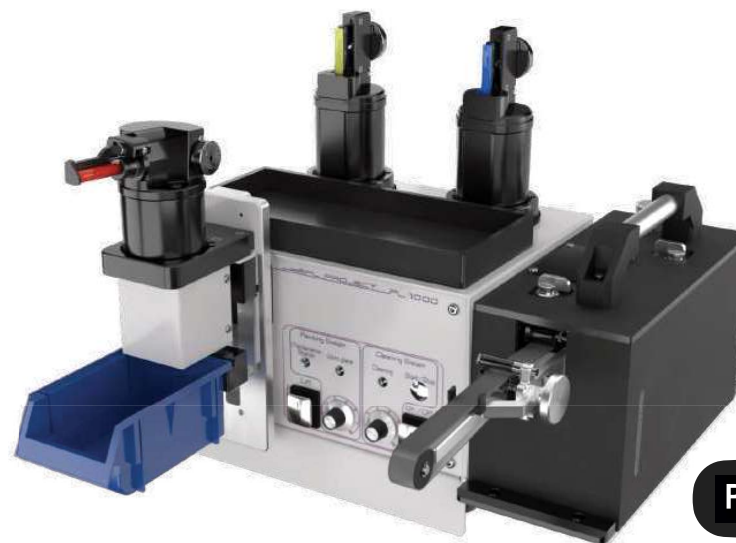
This system is available for:

PL1000

PL1200



PL1200



PL1000

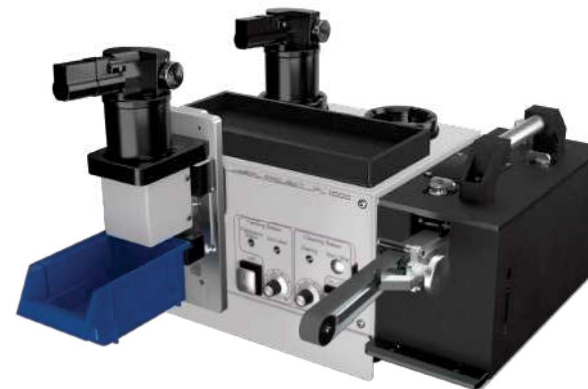


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examples of different

# MODULAR SYSTEMS

Examples shown with **PL1000**



\*Technical data given in this catalogue are approximate and the pictures may vary.

ADD DIFFERENT  
**ACCESSORIES**  
BASED ON YOUR NEEDS



Long smooth shaft – 90mm  
Normal smooth shaft – 45mm



Anti-drop container



Normal rolled shaft – 45mm



Additional lighting



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OUR FULL  
**MACHINES**  
LINEUP



Automatic dyeing system  
PL1000

- Adjustable workplace
- Up to three heads
- Additional lighting
- Connect any Blue Planet Line series



Automatic dyeing system  
PL1200

- Smaller than PL1000
- Up to five heads
- Additional lighting
- Connect any Blue Planet Line series



Adjustable electric table  
PL2000

- Height adjustment from 800mm to 1200mm
- Compact dimensions
- Locking mechanism



Edge Dyeing Machine  
BPL1310

- Speed control
- Height adjustment
- Energy efficient
- Compact dimensions



Support station  
BPL1320

- Quick head change
- Independent heads
- Energy efficient
- Compact dimensions



Cleaning machine  
BPL1330

- Energy efficient
- Compact dimensions