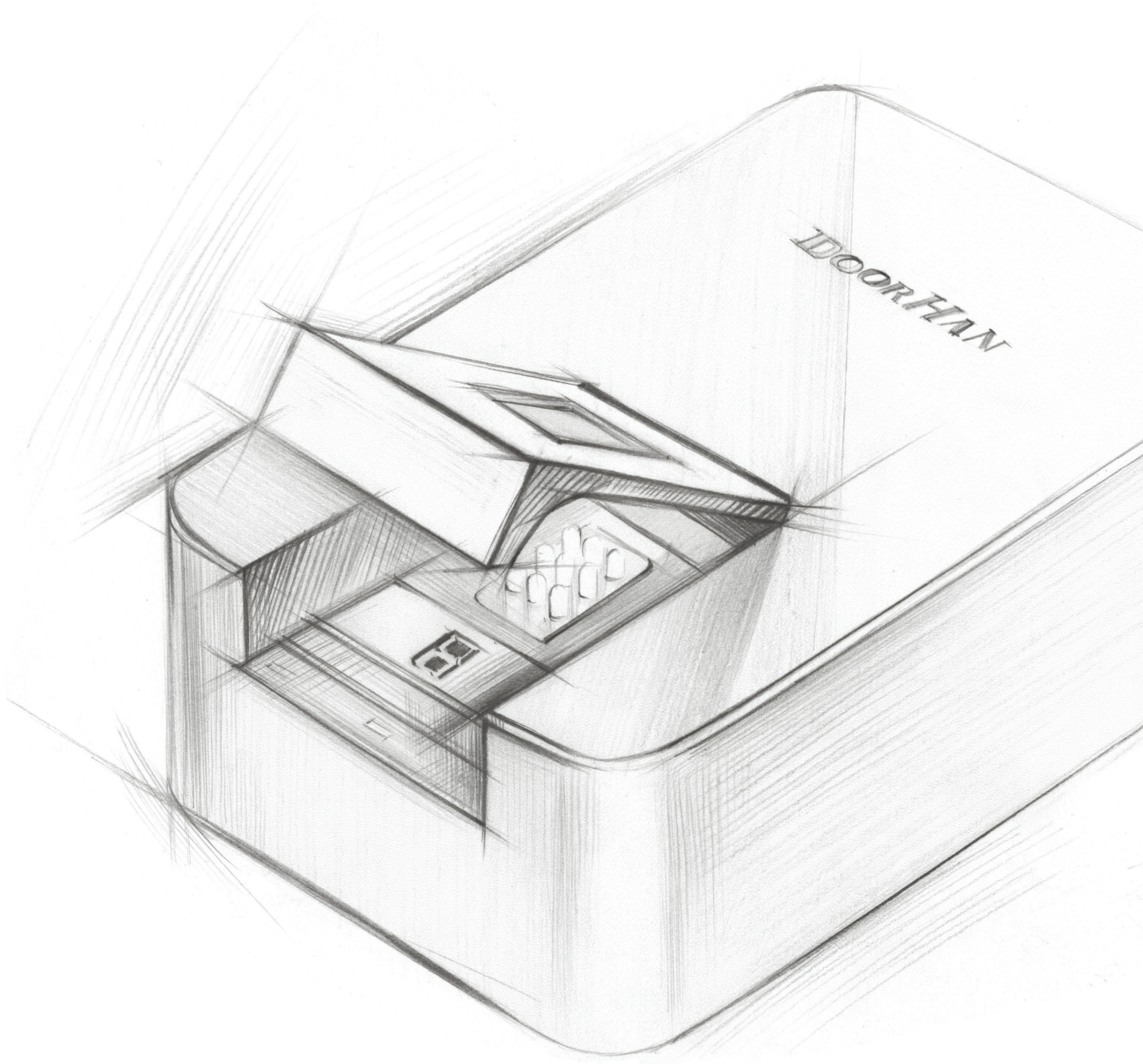


DOORHAN®



AUTOMATION SYSTEMS

PRO



DOORHAN



INTRODUCTION

The success of all manufacturing companies is determined by the ability to develop new products for an existing market, that best suite client needs.

Exploiting the strength of relationship with our clients and using our experience, we created an exclusive line of automation systems “PRO Series”.

PRO Series is an intelligent development of DoorHan automation line, designed for the most demanding consumers. Operators PRO have adaptive programming, are energy-saving, have an exclusive design and meet the high-quality requirements of all component parts. The PRO Series includes operators for residential and industrial sectional doors, operators for swing gates, as well as barriers and remote controls.

Automation systems PRO, ensure a flawless work and enhanced functionality. Products are manufactured using the latest technologies and materials. All components are tested and certified, which provides 100% quality control of the products.

We are confident that premium series PRO will become another symbol of DoorHan success!

SE-500/750 PRO

FOR RESIDENTIAL SECTIONAL DOORS



HIGH QUALITY EXECUTION

The operators feature a robust body, galvanized motor and built-in encoder which ensures an increased functionality

ENERGY SAVING

Minimum energy consumption, due to the built-in LED lamp, which is more durable and provides a longer service life

LONG SERVICE LIFE

Smooth start and stop feature, ensures a minimum load on system components

ADAPTIVE SETTING

Automatically adjusts force considering door leaf dimensions and weight

SHAFT-50 PRO

FOR INDUSTRIAL SECTIONAL DOORS



SMOOTH START AND STOP

A quiet and a soft door motion ensures efficiency over the long run

WIDE ACCESSORY RANGE

The possibility to connect various accessories makes the operation more convenient and secure

REMOTE CONTROL UNIT

Enables to control remotely the operator

EMERGENCY RELEASE

Built-in emergency chain release ensures the ability to operate the door in case of power failure

ARM-320 PRO

FOR SWING GATES



ERGONOMIC AND COMPACT DESIGN

An ergonomic body is provided to allow installation directly on the hinged gate column

ADVANCED MATERIALS

High electrical insulation properties provide protection against negative weather impact

STEEL LEVER

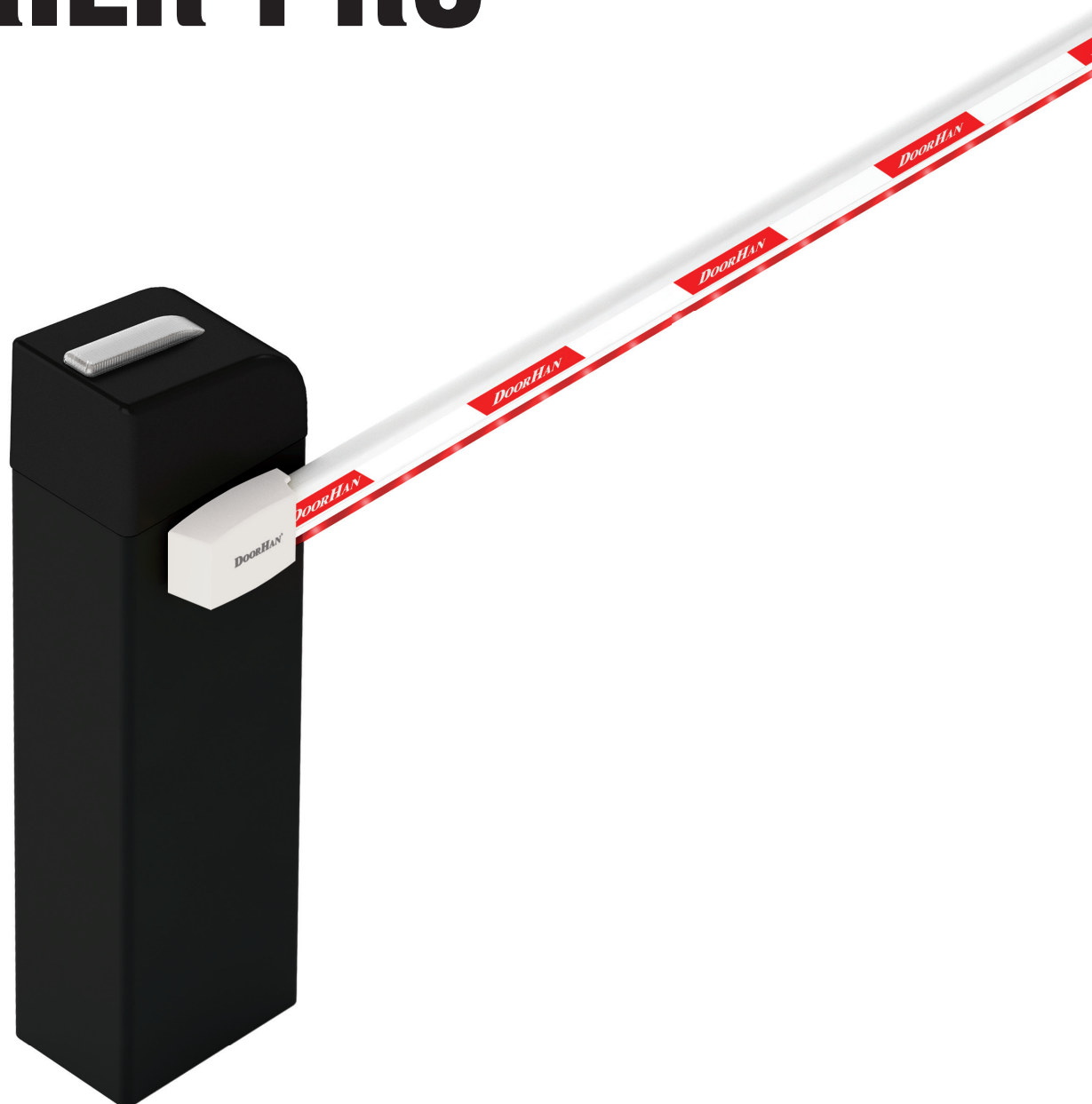
Designed to be resistant to abrasion and to ensure high efficiency during heavy operating loads

TWO COLOURS AVAILABLE

Helps you to choose the operator that best suits your gate design

BARRIER-PRO

BARRIER



GALVANIZED STEEL BODY

Protects barrier mechanism against mechanical damages, as well as from harsh weather conditions

NEW SPRING TENSIONER

Provides a more accurate boom balance

NEW LED LAMP

Built-in LED lamp represents a functional addition as well as a modern element

ELECTRIC LIMIT SWITCHES

Ensure the boom stop precision in the extreme positions

TRANSMITTER-2 PRO

TRANSMITTER



DYNAMIC CODE TECHNOLOGY

Protects reliably against signal interception

COMPACT CASE

Ergonomic made of high quality materials case is comfortable and practical in use

MODERN DESIGN

High technology in an elegant case

IMPROVED POWER SUPPLY SYSTEM

Extended battery life

SWING-3000/5000 PRO

FOR SWING GATES

NEW 2016



EASE OF INSTALLATION

The opener can be installed even at narrow columns

HIGH TECHNICAL PROPERTIES

Optimal solution for gate with middle and high intensity automation

LIMIT SWITCHES

Allow to avoid external mechanical stops installation on gates

PLANETARY REDUCTION GEAR

Provides high efficiency and minimum opener sizes

SLIDING-1300 PRO

FOR SLIDING GATES

NEW 2016



ERGONOMIC DESIGN

The opener does not take up much space and has modern appearance

CONNECTION CONVENIENCE

Opener case designed with maximum ease of installation

MODERN MATERIALS

Increased metal part heat dissipation, high opener plastic parts strength

OIL BATH

The gearmotor immersed in liquid lubricant, it increases the opener intensity and life time

TECHNICAL SPECIFICATIONS

Sectional	500 PRO	750 PRO
Supply voltage	230V 50/60Hz	
Maximum power consumption	150 W	200 W
Force	500 N	750 N
Door speed	0,14 m/sec	0,1 m/sec
Degree of protection	IP20	
Intensity	50 %	
Temperature range	-20 to +55°C	
Maximum door height	2600 mm	2800 mm
Guide length	3300 mm	3600 mm
Operating frequency	433 MHz	
Drive type	Chain/belt	
Motor	24 V	

Shaft-50 PRO		
Supply voltage	230V 50/60Hz	
Maximum power consumption	370 W	
Torque	50 Nm	
Shaft speed	24 RPM	
Degree of protection	IP54	
Intensity	65 %	
Temperature range	-25 to +50°C	
Maximum door area	25 m ²	
Chain length	8 m	

ARM-320 PRO		
Supply voltage	230V 50/60Hz	
Degree of protection	IP54	
Intensity	30 %	
Temperature range	-20 to +55°C	
Torque	320 Nm	
Leaf weight	Up to 400 kg	

Barrier-PRO		
Boom length	4/5/6 m	
Maximum opening time	6 sec	
Supply voltage	230V 50/60Hz	
Boom type	Rigid	
Use intensity (at 20°C)	70 %	
Overall dimensions (L x W x H)	222 x 328 x 980 mm	
Engine speed	1400 RPM	
Power consumption	220 W	
Thermal protection	120 °C	
Temperature range	-40 to +55°C (from -60°C if thermal heater is provided)	
Degree of protection	IP54	
Limit switches	Electromechanical	

Transmitter-2 PRO		
Operating frequency	433 MHz	
Number of channels	2	
Temperature range	-20 to +55°C	
Power source	Battery	

Swing	3000 PRO	5000 PRO
Supply voltage	220V 50/60Hz	
Maximum power consumption	150 W	
Maximum door weight	400 kg	500 kg
Maximum leaf width	3 m	5 m
Intensity	50 %	
Temperature range	40 to +55 °C	
Degree of protection	IP54	

Sliding-1300 PRO		
Supply voltage	220V 50/60Hz	
Maximum power consumption	550 W	
Door speed	10 m/min	
Maximum door weight	1300 kg	
Intensity	70 %	
Temperature range	40 to +55 °C	
Degree of protection	IP54	

PLANTS



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