



LEADING THE SHOOTING INDUSTRY  
SINCE 1927

ISSF TENDER  
2020

## SOLUTION FOR ISSF COMPETITION



### INNOVATION

«...distinguishes between  
a leader and a follower..»

Steve Jobs



# SUMMARY AND NOTICES

## SUMMARY

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### INFORMATION

The most recent information may not be described in this document but will be in the Release Notes which will be provided to you upon request.

### ILLUSTRATIONS

The illustrations, diagrams, plans as well as the tables and other lists of data provided below are likely to be modified and corrected as part of the Laporte Quality process

### SPECIFICATIONS

All specifications and descriptions contained in this document are verified to be correct at the time of printing. However, since continuous improvement is a goal of LAPORTE BALL-TRAP, we reserve the right to make changes at any time.

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### Important!

The information below is confidential and is intended to facilitate decision-making and other choices within the framework of the ISSF call for tender. Any useful request for information should be sent to [tender@laporte.biz](mailto:tender@laporte.biz)

Contact: [Guy@laporte.biz](mailto:Guy@laporte.biz) Mob: +33 682 856 435

The purpose of this document is to describe the Laporte offer in response to the call for tender from the International Shooting Sport Federation.

We intend to demonstrate that we have all the necessary qualifications to be named an «ISSF Official Partner» for the supply of clay target machines that comply with ISSF regulations.

Our offer describes:

- Our skills and our company's experience in the Olympic shooting disciplines
- An economical solution to reduce the equipment costs of clubs organizing competitions.
- Our most innovative solutions developed to:
  1. optimize club infrastructure costs and generate significant savings
  2. simplify installation and commissioning, especially for competitions
  3. easily move a shooting facility from one club to another
  4. Allow an installation to evolve quickly according to the needs and resources of each club
  5. Facilitate access to ISSF events for the greatest number of athletes, including those with disabilities
  6. Contribute to the development of ISSF disciplines, initiation, coaching and discovery of young talents



Thomas Laporte

Jean-Michel Laporte

## A century-old family business

Laporte is a brand instantly recognised and associated throughout the world with the sport of clay pigeon shooting. We have been established and involved within the sport since 1927. We are, justifiably, proud of our heritage and our accomplishments.

Supplier of 8 Olympic Games plus Tokyo, Laporte has also been honoured to be a supplier selected by the Worldwide Shooting Federations. We are a responsive and innovative supplier. We make it our mission to support major competitions by providing the right equipment (on a small or large scale) along with reliable and accurate targets!

We continuously strive to evolve our sport by providing up-to-date & technologically advanced products. These are key to our success.

«My Grand-Father invented the first European launcher and my Father created the first Multitrap offering possibilities never available before in this field until today.

In 2020, I am very proud to present the new MULTITRAP Range.

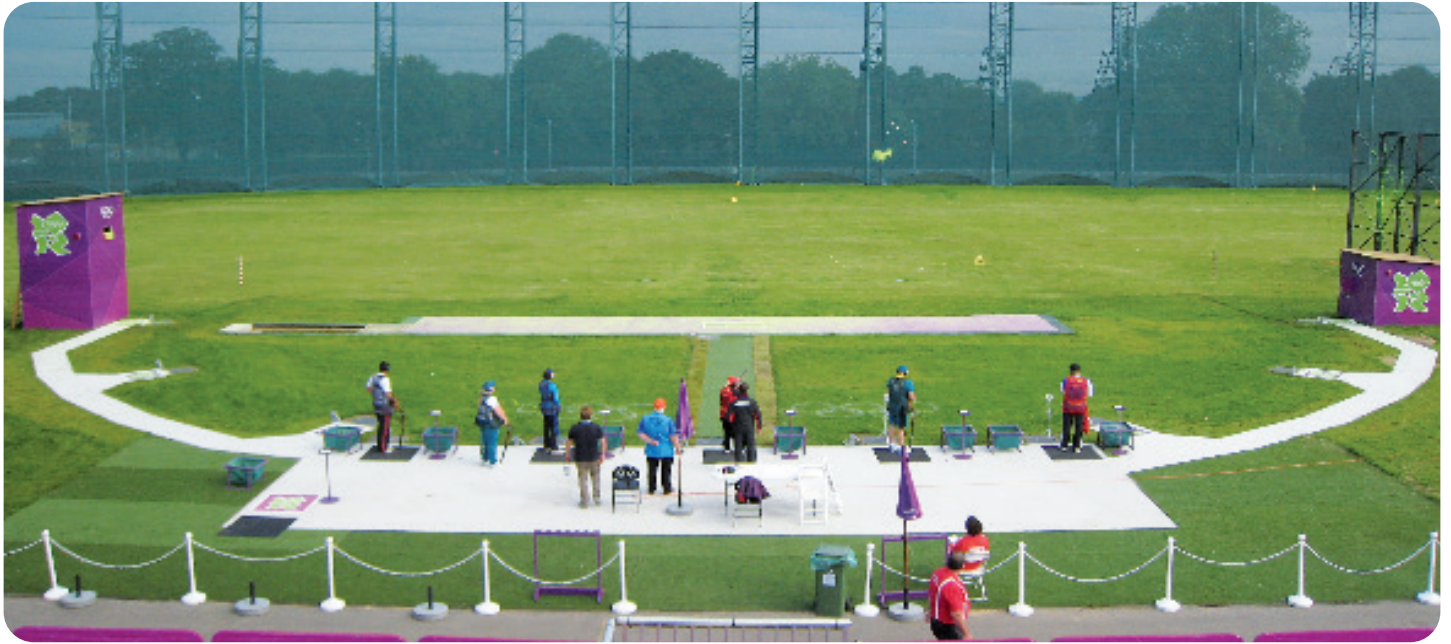
A Major innovation Designed to drive the Shooting Sport Industry to the future, it will help to promote Shotgun Disciplines all over the World at an affordable price.»

Jean-Michel Laporte  
President





# QUALITY & SERVICES



**H**igh level Athletes need a lot of preparation to reach Olympic Games. Performances and results are paramount, thus there is no room for chance.

**8** Olympic Games and numerous national and international competitions allowed Laporte to focus on important details like the trigger, the precision of trajectories and the absence of "no-bird".

**T**he quality of our targets also contributes to the smooth running and respect of each shooting session, from training to competition.

**L**aporte has acquired and uses its experience to innovate, produce, install and maintain each clay target machines so that all shooters, clubs and federations around the world can access the Olympian quality.

## **WORLD CLASS LEVEL OF SUPPORT & SERVICES**

The Laporte trap architecture was based on our experience acquired during numerous competitions. Accessibility to spare parts, which are few in number, allows quick and easy maintenance.

The visibility of all moving parts makes any fault detection and intervention times very short. The electrical parts are mounted on a connector to facilitate their disassembly and replacement if necessary. The motor control relay (inherited from the automotive industry) mounted on a removable pin, and the motor itself are protected by a circuit breaker, fuse and «low power» protection to prevent damage.

**Thus, during the competitions, our extremely short response times and the availability of our spare parts have always earned us the recognition and the support of the organizers for the work of our teams.**

# WE WERE THERE

- 1991 Athens Mediterranean Games
- 1992 European games Istanbul
- 1993 Poussan Mediterranean Games
- 1999 European championship Poussan
- 2004 Athens Olympic Games @ World Cup (TE)

2005 - 2008 : 17 events including Beijing Olympic Games

## 2014

- √- ISSF World Cup in Beijing, China
- √- ISSF Final World Cup, Gabala, Azerbaijan
- √- South American Games in Santiago, Chile
- √- Commonwealth Games in Glasgow, Scotland
- √- Asian Games in Incheon, South Korea
- √- Arab Championship in Doha, Qatar
- √- Continental Cup of Americas in Rio, Brazil
- √- Central American & Caribbean Games in Vera Cruz, Mexico

## 2015

- √- National Games Kerala, India
- √- ISSF World Cup Acapulco, Mexico
- √- Panamerican Games Toronto, Canada
- √- SEASA (South East Asia Championships), Indonesia
- √- 6th CISM (Military World Games), Korea

## 2016

- √- ISSF World Cup (Pre test event) Rio de Janeiro, Brazil
- √- Asia Olympic Qualifying Competition for Shooting, India
- √- Olympic Games, Rio de Janeiro, Brazil
- √- 48th CISM Military World Championship Doha, Qatar

## 2017

- √- ISSF World Cup New Delhi, India
- √- ISSF World Cup Acapulco, Mexico
- √- Henan National Games, China
- √- Sea Games, Palembang, Indonesia
- √- Seasa Games, Taiwan
- √ - Commonwealth Games, Australia

## 2018

- √- Qatar Open Shotgun event, Doha
- √- Asian Games, Indonesia
- √- SEASA Games, Taiwan
- √- Commonwealth Games, Australia
- √- South American Games, Bolivia
- √- Central American & Carribean Games, Columbia
- √- 07th World University Shooting Championships, Malaysia
- √- European Championship for Trap, Double Trap & Skeet, Austria
- √- Thailand Open Shooting Championships
- √- Arabian Youth Games, Algeria
- √- Asian Clay Championships, Kuwait

## 2019

- √- ISSF World Cup Acapulco, Mexico
- √- ISSF World Cup Al Ain, United Arab Emirates
- √- 1st Shooting Championship Open Tournament, Jakarta, Indonesia
- √- Pan American Games Lima, Peru
- √- 14th Asian Championship, Doha, Qatar
- √- 02nd National Junior Games, China
- √- African Championship, Algeria

## Olympic Trap, Double Trap Skeet Equipment and Clay Targets

- 2020 in Tokyo
- 2016 in Rio
- 2012 in London
- 2008 in Beijing
- 2004 in Athens

**MORE THAN 100,000 LAPORTE MACHINES HAVE BEEN SOLD WORLDWIDE OVER THE PAST 60 YEARS.**

**WITH A 70% MARKET SHARE ON OLYMPIC MACHINES WORLWIDE, THE GROUP HAS BUILT ITS REPUTATION BASED ON THE TECHNICAL QUALITY OF ITS PRODUCTS AND THE LEVEL OF ITS COVERAGE**



# WHY CHOOSE LAPORTE TRAP

## REASONS TO CHOOSE LAPORTE

1. **NO RUST:** Aluminum construction with epoxy coating.
2. **INCREASED SHOOTING RHYTHM:** up to 1.8 second re-arming time.
3. **LIGHTWEIGHT:** Aluminum alloy construction.
4. **LARGE MAGAZINE CAPACITY:** Up to 1,000 clays
5. **ENERGY EFFICIENT:** Motor uses very little energy.
6. **LIFETIME GUARANTEE:** On the throwing arm.
7. **MOTOR PROTECTED:** By circuit breaker.
8. **BATTERY AUTONOMY:** 8,000 clays (depending on battery capacity).
9. **THROWING DISTANCE:** From 40 to 100m
10. **REDUCED NOISE:** Anti-vibration system.
11. **ONE-WAY BEARING:** No maintenance, greased for life & easily interchangeable.
12. **EXTREME OPERATING TEMPERATURE:** Between -25°C - +60°C
13. **LIGHTWEIGHT INJECTION MOLDED:** One-piece frame providing exceptional strength.
14. **EXTREMELY PRECISE:** Constant trajectory.
15. **SHOCK ABSORBING DROP-PLATE:** Anti-no-bird.
16. **ELECTROMECHANICAL MICRO SWITCH:** Robust and easy to adjust.
17. **SAFETY ON/OFF/DE-COCK:** 1m behind the machine on a stand for.
18. **LESS THAN 1% NO-BIRDS:** 0.027% at 2018 World Skeet Championship.



Adjustable knives with only one tool (12C)

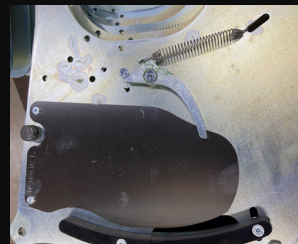
Carousel drive axis adjusted for life, thanks to the keying.



One-way bearing preventing arm vibrations after firing and therefore deterioration of the clays in the magazine



Triple target hold on throwing plate for increased accuracy



No more Electromechanical box on the machines, it is directly molded in the body and is replaced by a plate which has the advantage of being more economical in case of need of repair

## SKEET



### 6-COLUMNS



### 12-COLUMNS PRECISION 2020



### 18-COLUMNS

## THE BENEFITS OF A LONG EXPERIENCE

Laporte® has demonstrated its ability to innovate through international and national competitions. Iconic models were used as support for many competitions including the Olympic Games and the Commonwealth Games.

The Laporte® clay target machines have gradually earned their reputation thanks to:

### UNMATCHED PRECISION

Athens consecrated the «10 Columns» and its precision. This was the result of the perfect alchemy between the plate and the throwing arm.

### A MAGAZINE DESIGNED TO MEET INTENSIVE USE

Beijing saw the emergence of the «12 Columns» equipped with an optimized magazine perfectly suitable for 110mm targets.

The London Olympic Games benefited from these same improvements, thereby ensuring its sustainability.

### TURBO RELEASE

The Commonwealth Games in Glasgow revealed the 'Turbo' system by Laporte®, which provides extremely reactive release. The same "Turbo" will be used successfully during the Olympic Games in RIO.

### ULTRA CAPACITY

More recently, during the Commonwealth Games in Brisbane, the «18 Columns» was unveiled, with unmatched capacities of 600 clay targets for trench and 1000 clay targets for Skeet.

As precision is an integral part of our brand's DNA, clay target machines have successively gained in precision, sustainability and responsiveness as well as in the ability to meet the demand from clubs and biggest events.

## REDUCING COSTS WHILE PRESERVING QUALITY

The clay pigeon industry faces the necessary investments for creation and profitability of clubs. ***More well-equipped clubs allow to increase the number of participants and therefore the number of athletes likely to take part in major national and international competitions.***

TO OPTIMIZE THE PRODUCTION OF OUR CLAY TARGET MACHINES AND SATISFY ALL OUR CUSTOMERS IN ALL DISCIPLINES, WE HAVE SOUGHT TO STANDARDIZE AS MANY COMPONENTS AS POSSIBLE TO USE THEM ACROSS OUR RANGE.

**THE RESULT IS A NEW DESIGN AS WELL AS  
A DRASTIC REDUCTION IN MANUFACTURING COSTS.  
WE HAVE BUILT AN OLYMPIC TRAP MEETING THE MOST DEMANDING NEEDS AT  
A VERY ATTRACTIVE PRICE,  
WITHOUT COMPROMISING ON PERFORMANCE AND QUALITY.**



# A COST-EFFECTIVE SOLUTION

## UNCOMPROMISING COMPACT SIZE

To limit space requirements as well as cost, without weakening the structure, steel instead of aluminium was chosen as the base material.

## EASY AND FAST MAINTENANCE

All of the launcher's components benefit from better accessibility, which facilitates maintenance.

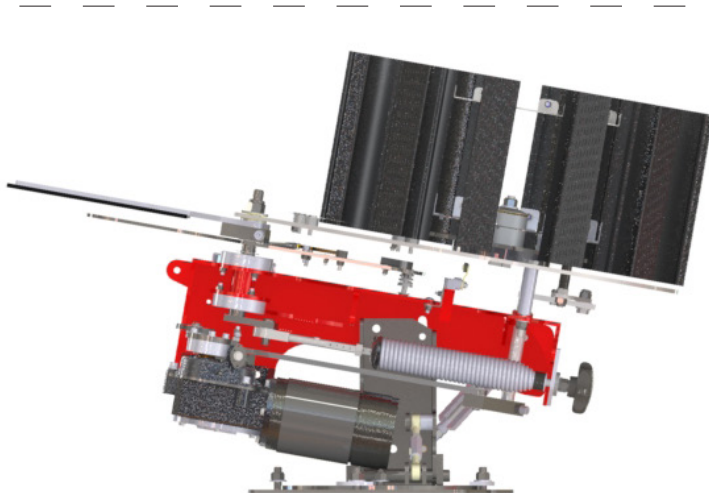
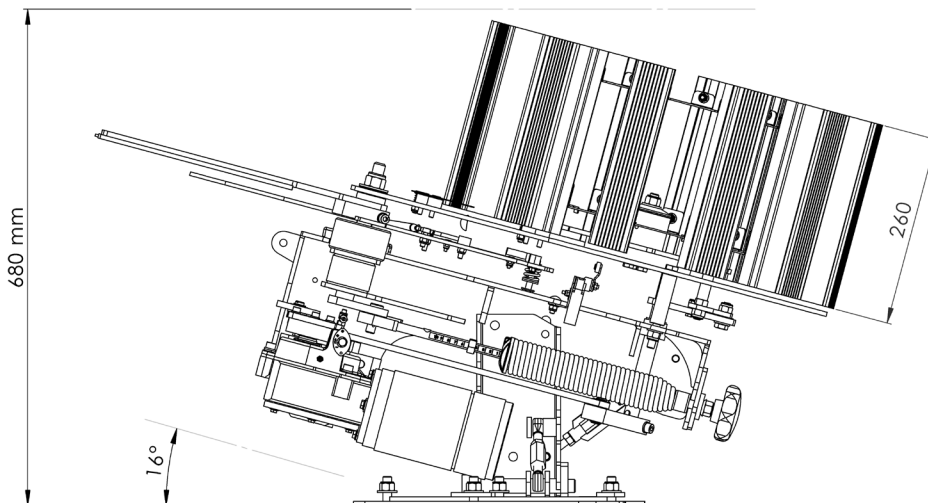
## RETURN TO THE 1980 ECONOMICAL MAGAZINE

Our new design has allowed us to reuse our 80s barrel (TRAP 2001), simplifying Target stack loading and reducing intervention times during reloading.

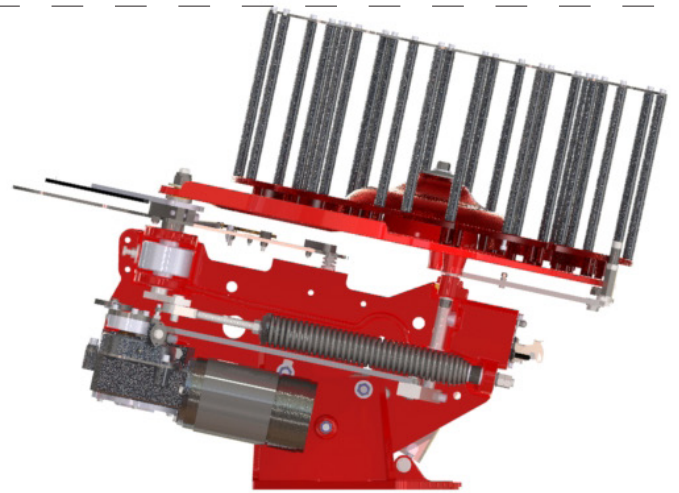
## ADAPTED CAPACITY AND MAINTAINED PERFORMANCES

While maintaining the heritage of previous models, we have managed to decrease the height of the frame located under the clay target storage magazine. This results in a height gain of 15cm while maintaining the same capacity.

### MODEL ALPHA 300 CLAYS



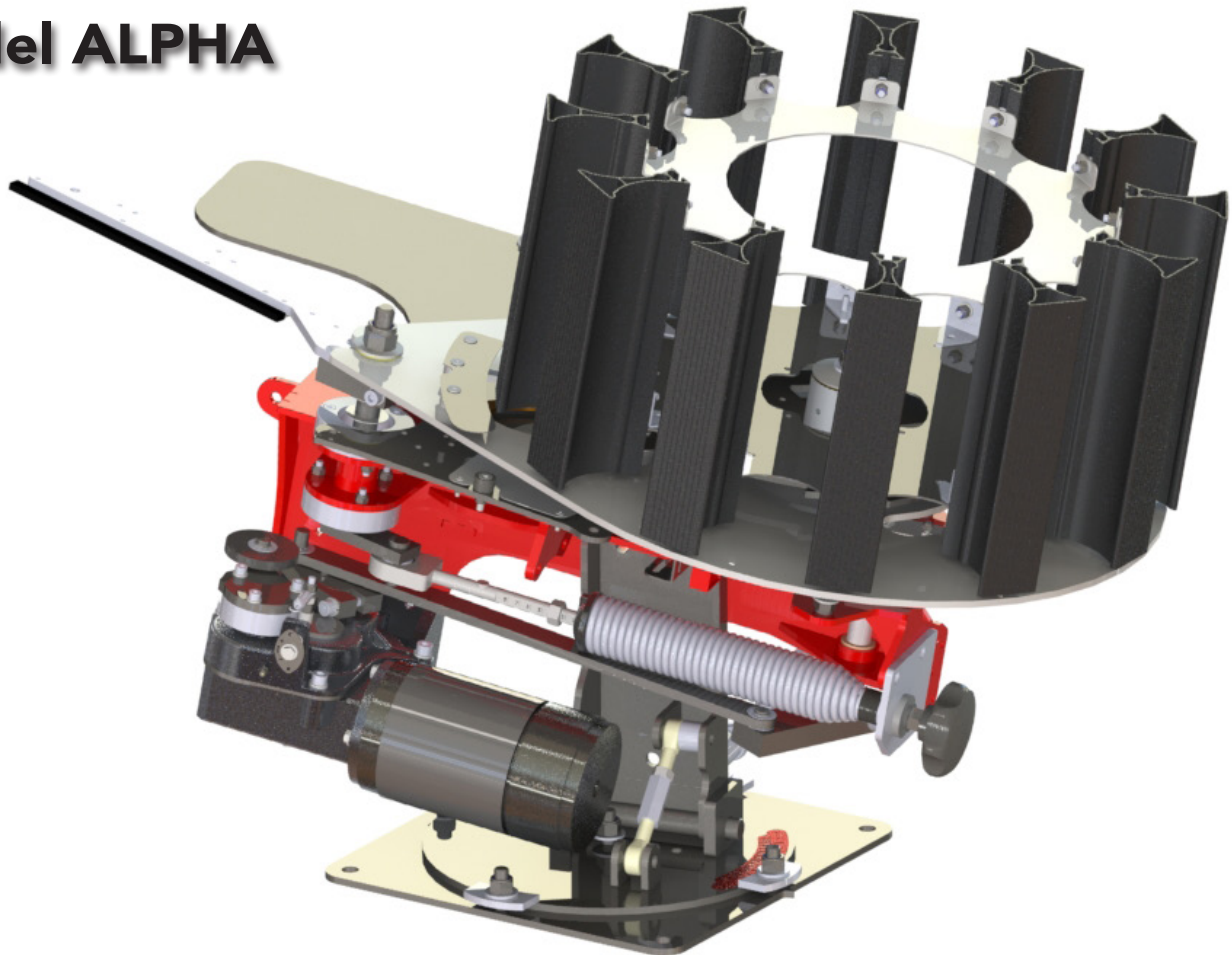
**NEW DESIGN**  
**MODEL ALPHA 300 CLAYS**



**12 COLUMNS**  
**MODEL RIO - TOKYO 300 CLAYS**

# LAPORTE MULTITRAP<sup>®</sup>

## Model ALPHA



### MULTITRAP - Model ALPHA

TECHNICAL SPECIFICATION



	OLYMPIC TRENCH 15 MACHINES		OLYMPIC SKEET 2 MACHINE	
	OT200	OT300	SKEET400	SKEET600
Total Capacity	3 000	4 500	800	1200
Capacity by unit	200	300	400	600
Target	Standard & Flash <sup>®</sup>		Standard & Flash <sup>®</sup>	
Recocking Time	2,2 seconds			
Instant Release	TURBO release			
Voltage	12 Volts			
Weight (empty)	70kg		76kg	
Total Height	68cm		95cm	
Warranty	3 years			



«Multitrap» is the name of the latest range of LAPORTE<sup>®</sup> products.

The «ALPHA» model is the foundation made to offer the best features at the best cost.



# A SCALABLE SOLUTION

## TOWARDS AN ADVANTAGEOUS EVOLUTION FOR ALL

### **Our research has paid off!**

The new design that serves as the **Foundation** of our new range of machines now offers an unprecedented capacity for evolution, the consequences of which considerably improve the practice in the broad sense of our disciplines.



## A MODULAR COMBINATION OF 3 TRAPS DESIGNED FOR

### THE PRACTICE OF THE OLYMPIC TRENCH FOR EVERYONE

ON THE BASIS OF 3 INTERACTIVE MOTORIZED LAUNCHERS  
SIMULATING ALL THE TRAJECTORIES OF THE 5 GROUPS  
CHANGING REMOTELY TABLE IN SECONDS AND/OR CUSTOMIZING SEQUENCES

### THE EXPANSION OF THE OLYMPIC DISCIPLINES

**THANKS TO A 3 TIMES LOWER PRICE THAN A STANDARD TRENCH  
ALLOWS FEDERATIONS ALL AROUND THE WORLD TO PROMOTE OUR SPORT  
PROVIDING THEIR ATHLETES WITH AN OLYMPIC TRAINING SOLUTION  
ORGANIZING YOUTH COMPETITIONS & PROMOTING DISABLED SPORTS ASSOCIATION**  
BY MAKING IT POSSIBLE TO SUPPLY ANY FACILITY WITH AN AFFORDABLE AND EFFICIENT TRENCH

### THE DEVELOPMENT OF SHOOTING SCHOOL

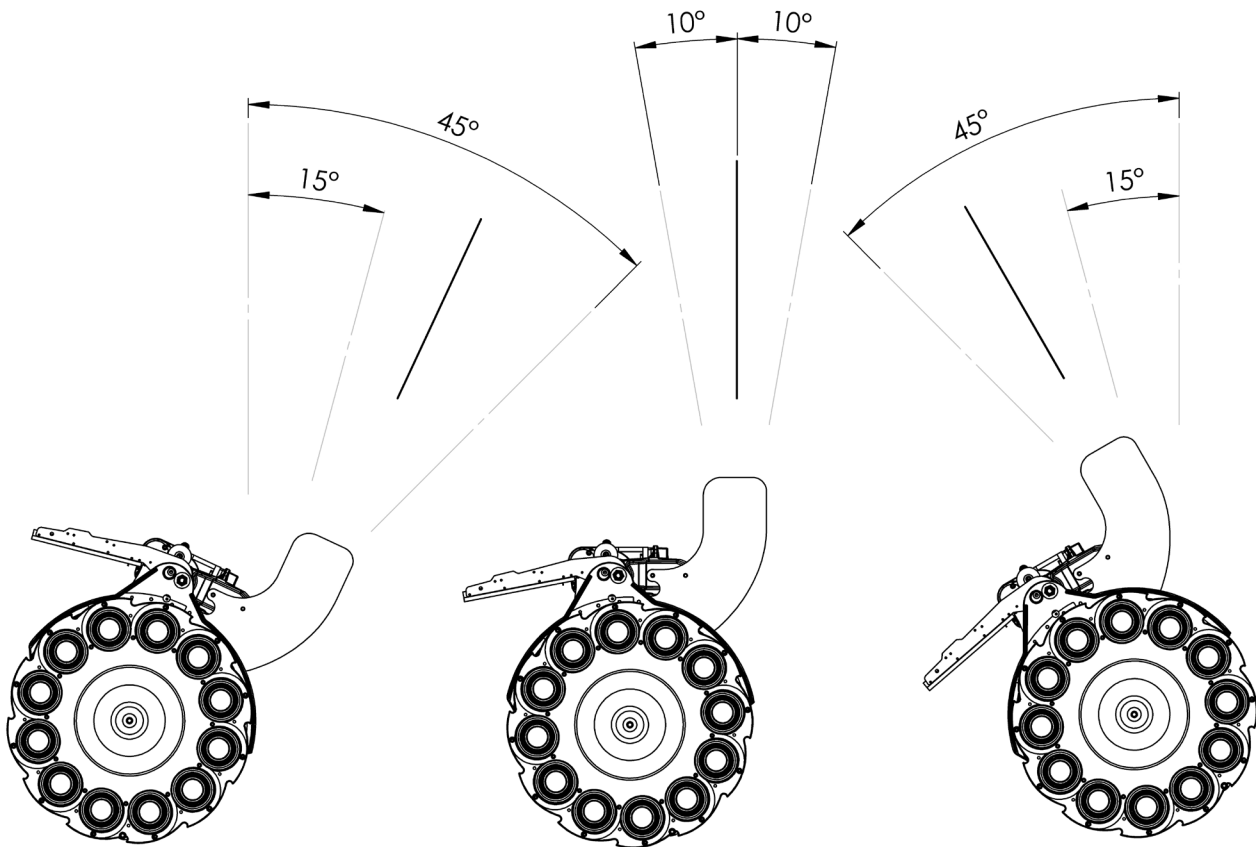
#### AND THE RISE OF TALENTED YOUNG SHOOTERS

INITIATION OR TRAINING AT ALL LEVELS THANKS TO THE REMOTE CONTROL OF SPEED AND ANGLES  
IT IS POSSIBLE TO GET A STANDALONE MULTITRAP UNIT (3 TRAPS), A FULL AUTOMATIC TRENCH WITH  
5 MULTITRAP UNITS OR AN HYBRID COMBINATION WITH 1 MULTITRAP UNITS AND CLASSIC TRAPS

The Laporte Multitrap Concept  
can also be moved easily and combined with an «above ground» structure within a very short installation time.

# LAPORTE MULTITRAP<sup>®</sup>

**3 UNITS ARE ENOUGH... & AFFORDABLE!**



**GAIN**  
ATHLETES  
CLUBS  
SHOW

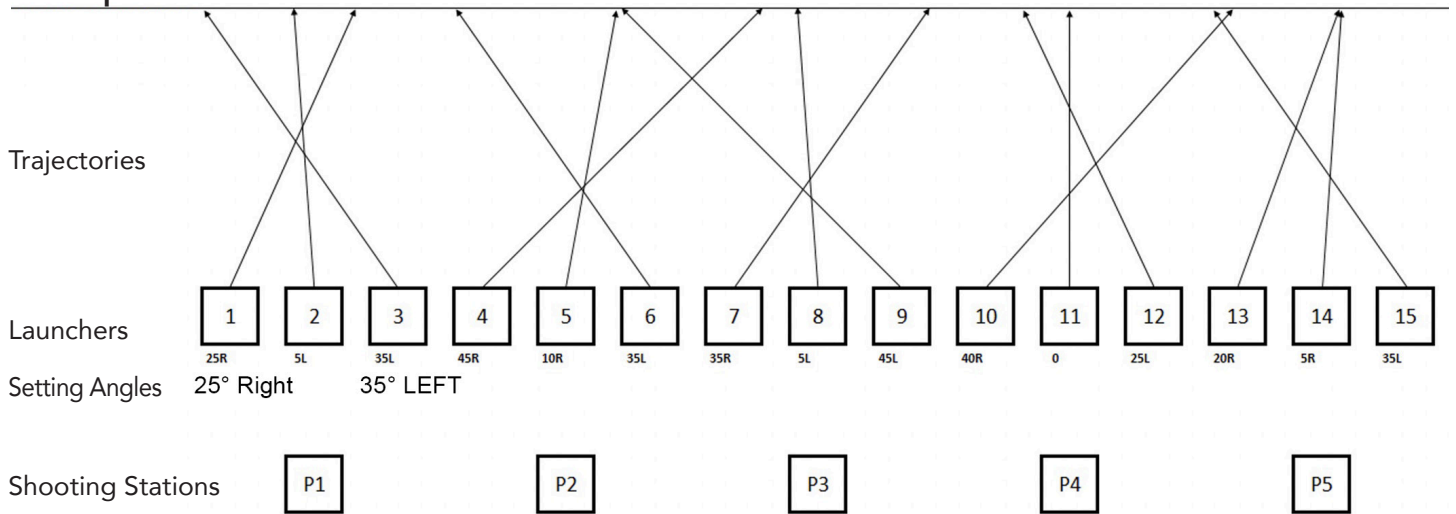
**3 = 15**

**SAVING**  
MONEY  
SPACE  
TIME



## 9 SETTING TABLES

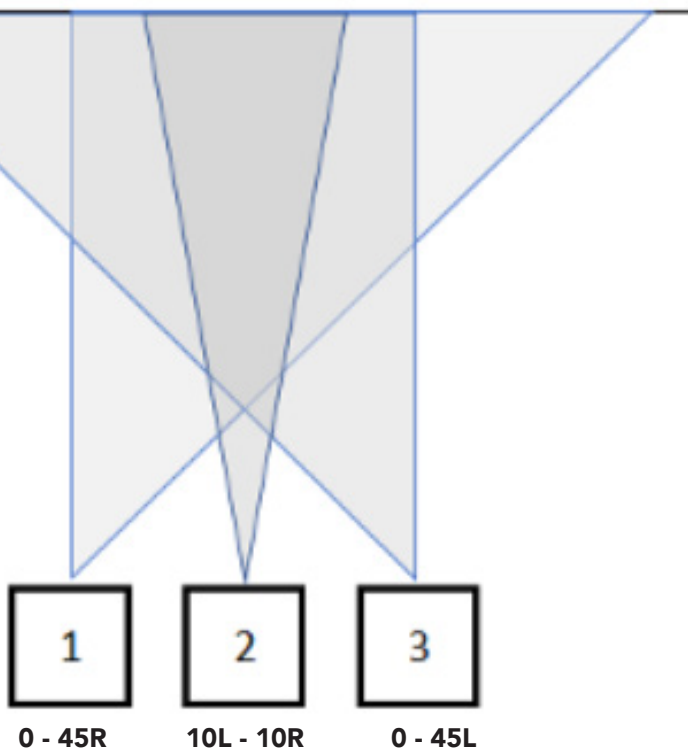
### Example of 1 table

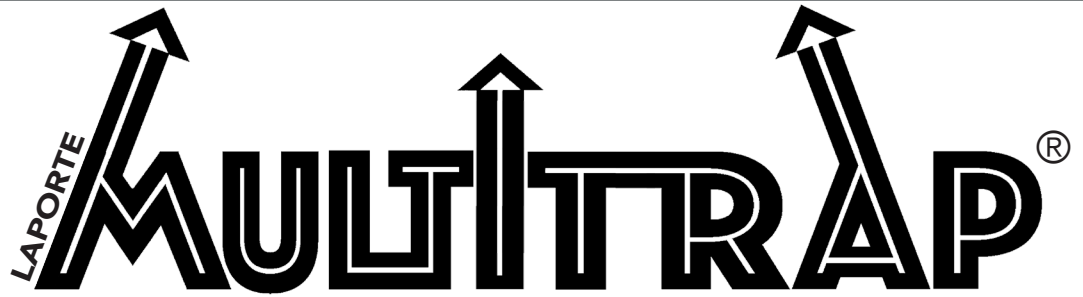


$$3 = 15$$

Adjustable trajectories within 8 seconds max between two calls

Shooting Stations





## COMBINATION OF 3 AUTOMATIC LAUNCHERS FOR ONE STATION

### VERY HIGH PRECISION

Stability of angular adjustments and return to position presets without any offset

### CONSISTENT TRAJECTORIES SETTING

Mechanism for maintaining in position eliminating any risk of trajectory disturbance.

### EASY TO USE

Display of shooter number, setting table number, station number, round number on the shooting station.

Use by 1 to 6 shooters.

### OPTIMIZED MAINTENANCE

Operating temperature - 25 ° C to 60 ° C.

Compatible with dusty environment.

The additional mechanisms do not impede access to the launcher's master parts.


### RUNNING OF A BOARD

Controllable functions from the launch pad:

- The shooter remains static while the launchers successively adopt and repeat the trajectories relating to the five shooting stations.
- The table settings are adjusted in a maximum of 8 seconds.
- All 9 setting tables are selectable with instant effect.
- Possibility of compensating for meteorological conditions.
- Possibility to select a path in a particular setting table
- Possibility to repeat a trajectory
- Possibility to modify the distance and the exit speed of the target.
- Possibility to vary the horizontal and vertical angles
- Possibility to create your own adjustment setting table .

**THE REMOTE CONTROL AS WELL AS THE POSSIBILITY OF ASSOCIATING VARIOUS SENSORS WITH IT MAKE THE MULTITRAP, A CONNECTED OBJECT WITH ENDLESS POSSIBILITIES.**




Profitable and scalable, the  solution is easy to install and is satisfied with a significantly reduced reception infrastructure, which results in serious savings.

Its design also makes it perfectly suited to “above-ground” using 3 Traps Unit. Modular, the launchers can be combined in structures replacing the classic bunker.

The resulting complete solution (structure launchers) requires very few skills to be implemented. Earthworks are reduced to essentials, which again leads to serious savings.

This opens up possibilities for mobile use.

### **SIMPLE AND CHEAP DRIVING**

 Group of 3 MACHINES offers a powerful and simple solution that can be controlled with any acoustic control tool including the Trap Voice Controller known to be reliable and inexpensive.

### **SIGNIFICANT TIME SAVINGS, INCLUDING FOR VIDEO RETRANSMISSIONS**


Using 15 programmable launchers would effectively eliminate the time required for table settings, estimated to vary between 1 hour and 1 hour 30 minutes normally with three people.

### **SUITABLE TO PEOPLE WITH REDUCED MOBILITY**

We can imagine a «static» squad.

5 shooters would maintain their position throughout the firing sequence which would eliminate any movement. This solution would be relevant in the context of disabled sports association.

### **NEW INTERACTION AND ADAPTABILITY**

 advantageously replaces a conventional configuration by its lower cost and its unprecedented interaction between shooters and machines. For example, you can mix different trap setting tables, different levels of difficulty for a group of shooters with different requirements in a totally transparent way and without any constraint.

### **FLEXIBILITY and HYBRID CONFIGURATION**

Additionally, we can imagine an hybrid solution consisting of an «Olympic Trap» equipped with 15 «standard» clay target machines, the central group of which would have been replaced by 3 optimized machines. This would make it possible to retain a conventional structure while offering flexibility as needed.

While benefiting from significant improvements, our MULTITRAP range, described in this document, allows us to offer particularly attractive prices.

**The result of our research and development allows us to reduce our public sales prices by 20%.**

## OLYMPIC TRENCH

**15 MACHINES Model ALPHA**

**Total capacity 3,000 Clays.....Public price : 29,990 euros ex VAT**

Excluding Transport and Installation costs

## OLYMPIC SKEET

**2 MACHINES Model ALPHA**

**Total capacity 800 Clays.....Public price : 4,730 euros ex VAT**

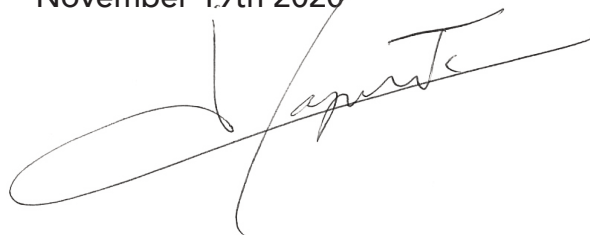
Excluding Transport and Installation costs

## SPECIAL OFFER

**AS PART OF THE VALIDATION OF THIS AGREEMENT:**

1. Any club and National Federation with an official certificate referring to this partnership will benefit from a discount previously negotiated with the ISSF.
2. Laporte will consider any request from the ISSF regarding the International Competitions organized under its responsibility and could propose temporary solutions in agreement with the ISSF

Agreed at BIOT  
November 19th 2020



Jean-Michel LAPORTE  
President

**THE BEST SHOOTERS TRUST**



**LAPORTE**<sup>®</sup>  
Since 1927

A GLOBAL WORLWIDE NETWORK  
6 SITES - 2 CLAY FACTORIES



**Laporte AMERICA**  
Pounding Mill, VA



**The Clay Pigeon Company Ltd**  
Bottesford



**Laporte Industries Clay Factory**  
Formerie Normandy



**Laporte ITALIA**  
Gualdo Tadino



**Laporte Industries Warehousing**  
Sermaize



**Laporte Head Office**  
Trap Factory - Biot

**1.5 million**  
CLAYS PER DAY  
CAPACITY

**30 million**  
PERMANENT STOCK

**more than 3000**  
MACHINES PRO  
ANNUAL PRODUCTION CAPACITY

USA

AMERICA

AFRICA

EUROPE

ASIA

MIDDLE-EAST

OCEANIA

**FRANCE**

**LAPORTE BALL TRAP**  
371 CHEMIN DES PRÉS  
06410 BIOT  
FRANCE  
PHONE: +33 4 93 65 77 77  
FAX: +33 4 93 65 77 78

**FRANCE**

**LAPORTE INDUSTRIES**  
15 ROUTE DE GAILLEFON-  
TAINÉ  
60220 FORMERIE  
FRANCE  
PHONE: +33 3 44 04 56 56  
FAX: +33 3 44 04 56 57

**USA**

**LAPORTE AMERICA**  
129 POST STREET  
PO BOX 492  
POUNING MILL, VA 24637  
UNITED STATES  
PHONE: +1 800 335 8727  
FAX: +1 703 831 0234

**ENGLAND**

**LAPORTE CPC**  
SHERWOOD HOUSE,  
NORMANTON LANE,  
BOTTFESFORD,  
NOTTINGHAMSHIRE,  
NG13 OEN  
UNITED KINGDOM  
PHONE: +44 1949 843777  
FAX: +44 1949 8435558

**ITALY**

**LAPORTE ITALIA**  
VIA FLAMINIA SUD, SNC  
06023 GUALDO TADINO,  
ITALY  
TEL: +393911806010