

OSET

2018

WORLD LEADERS IN ELECTRIC
TRIALS & MOTOCROSS BIKES



OSET

OSET Bikes are the world leader in electric motorbikes specifically for the trials, dirt, off road and motocross markets. Established in 2005 after founder Ian Smith came up with the concept of an electric trials bike for his young son Oliver creating...

Oliver Smith Electric Trials.

Currently there are ten models of electric motorbike available covering professional sport and competitive use, with many of the top riders from around the world competing and winning on an OSET or just riding them for the sheer thrill and fun of it.

Our bikes are designed for riders from as young as three years old going all the way through to adults.



20.0R



FOR MORE INFORMATION OR TO
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OSETBIKES.COM





12.5E



12.5R



24.0R



MX-10

WORLD LEADERS IN ELECTRIC BIKES FOR TRIALS, MOTOCROSS AND OFF-ROAD

12.5E

The 'Eco' version is sister to the 12.5 Racing model. It is simple, sturdy, adjustable and easy to manage for riders from 3-5.

 AGE: 3+ YRS
 FOR: EARLY LEARNERS





BIKE INFO

Wheelbase	725mm (28.5")	Brakes	Front V-brake. Rear band brake
Seat Height	390mm (15")	Motor	750w 24v OSET neodymium magnet DC
Ground clearance	152mm (6")	Controller	24v OSET, adjustable for speed and response
Bar height	650mm (25.6")	Batteries	2 x 10ah AGM SLA
Wheels/Tyres	12.5" alloy rims / hubs 12.0" x 2.4" F / 12.0" x 2.5" R BC tyres	Charger	2 amp 24v
Suspension	Front telescopic. Rear preload adjustable	Weight	26.1kg

12.5R

The 12.5 Racing is truly a machine to put a smile on the face of children and adults alike. This is our smallest and one of our most popular bikes and raises the bar for tiny motorcycles.

 AGE: 3+ YRS
 FOR: SERIOUS STARTERS

“ My 4 year old has the 12.5 Racing and loves it, he's now worked up to full power and has really good throttle control. Will be looking at the 16.0 soon!

Great bikes!

Paul T



BIKE INFO

Wheelbase	725mm (28.5")	Brakes	160mm disc, rear 140mm disc
Seat Height	390mm (15")	Motor	750w 24v OSET neodymium magnet DC motor.
Ground clearance	152mm (6")	Controller	24v OSET, adjustable for speed and response
Bar height	650mm (25.6")	Batteries	2 x 10ah AGM SLA
Wheels/Tyres	12.5" alloy rims / hubs 12.0" x 2.4" F / 12.0" x 2.5" R BC tyres	Charger	2 amp 24v
Suspension	Front telescopic, 40mm travel. Rear preload adjustable, oil dampened	Weight	26.4kg

16.0E

The OSET 16.0 Eco is the sister bike to the well established 16.0 Racing. The Eco is suited to new riders and is offered at a lower price than the Racing version.

 AGE: 5+ YRS
 FOR: EARLY RACERS



BIKE INFO

Wheelbase	904mm (35.6")	Brakes	Front & rear 160mm cable disc
Seat Height	480mm (18.9")	Motor	900W 36V OSET neodymium magnet DC motor
Ground clearance	230mm (9.0")	Controller	36V OSET, adjustable for power, speed & response
Bar height	860mm (33.9")	Batteries	3 x 10ah AGM SLA
Wheels/Tyres	16.0" alloy rims / hubs 16.0" x 2.4" F / R BC tyres	Charger	2 amp 36V
Suspension	Front telescopic fork. Rear shock, preload adjustable	Weight	33.9kg

16.0R

The OSET 16.0 Racing is the bike riders and parents choose as they progress through the world of OSET Cup and Trials competitions. Functional, ergonomical and able to grow with the rider.

 AGE: 5+ YRS
 FOR: FUTURE CHAMPIONS

My son got his first OSET at 3. It was a 12.5 eco. He has since moved up to an OSET 16.0. What fabulous bikes! The new OSET 16.0 was so amazing that I bought a 24.0 for myself. I'm so impressed with the build quality of all 3 bikes. Keep up the good work guys!

Jess L



BIKE INFO

Wheelbase	904mm (35.6")	Brakes	Front & rear 160mm hydraulic disc
Seat Height	480mm (18.9")	Motor	900W 36V OSET neodymium magnet DC motor
Ground clearance	230mm (9.0")	Controller	36V OSET, adjustable for power, speed & response
Bar height	860mm (33.9")	Batteries	3 x 10ah AGM SLA
Wheels/Tyres	16.0" alloy rims / hubs OSET Kenda 16.0" x 2.5" F & 2.7" R BC tyres	Charger	2 amp 36V
Suspension	Front telescopic fork, air/spring adjustable. Rear shock, preload adjustable	Weight	33.2kg

20.0E

The OSET 20.0 Eco has evolved into a multi-purpose machine. Designed for 8-12 year olds, but has found its way into the hands of many adult riders as well.

 AGE: 8+ YRS
 FOR: BIKER KIDS



BIKE INFO

Wheelbase	1050mm (41.3")	Brakes	180mm Front & 160mm rear hydraulic disc
Seat Height	550mm (21.6")	Motor	1200W 48V OSET neodymium magnet DC motor
Ground clearance	290mm (11.4")	Controller	48V OSET, adjustable for power, speed & response
Bar height	980mm (38.6")	Batteries	4 x 10ah AGM SLA
Wheels	19.0" alloy rims / hubs 20.0" x 2.5" F / R BC tyres	Charger	3 amp 48V
Suspension	Front telescopic air fork. Rear shock, preload adjustable & oil dampened	Weight	41.0kg

20.0R

The 20.0 Racing is a competition machine for 8-12 year olds. It features the exclusive OSET wide rear rim and 3" wide deep tread competition motorcycle tyre.

AGE: 8+ YRS
FOR: COMPETITION WINNERS

!! The OSET is the best thing my son had last year! He has the freedom of the outdoors and quality time with his dad away from Technology! My 9 year old has the 20.0" racer then his dad had to have a 24.0"!

Katrina M



BIKE INFO

Wheelbase	1050mm (41.3")	Brakes	180mm Front & 160mm rear hydraulic disc
Seat Height	550mm (21.6")	Motor	1200W 48V OSET neodymium magnet DC motor
Ground clearance	290mm (11.4")	Controller	48V OSET, adjustable for power, speed & response
Bar height	980mm (38.6")	Batteries	4 x 10ah AGM SLA
Wheels	19.0" BC F / 14.0" MC R alloy rims / hubs 20.0" x 2.5" BC F / 14.0" x 3.0" MC R tyres	Charger	3 amp 48V
Suspension	Front telescopic air fork. Rear shock, preload adjustable & oil dampened	Weight	42.9kg

20.0L

The OSET 20.0L is the perfect machine for riders a little big for the 16.0, but not quite ready for the 20.0E or R. Similar to the 16.0, but with bigger wheels makes conquering obstacles a little easier.

 **AGE:** 6+ YRS
 **FOR:** PERFECT PROGRESSION



BIKE INFO

Wheelbase	960mm (37.8")	Brakes	160mm Front & rear hydraulic disc
Seat Height	530mm (20.8")	Motor	900W 36V OSET neodymium magnet DC motor. (OSET 48V motor running at 36V)
Ground clearance	290mm (11.4")	Controller	36V OSET, adjustable for power, speed & response
Bar height	900mm (35.4")	Batteries	3 x 10ah AGM SLA
Wheels/Tyres	20.0" F / 19.0" R alloy rims / hubs 20.0" x 2.0" F / 20.0" x 2.5" R BC tyres	Charger	2 amp 36V
Suspension	Front telescopic, air/spring fork. Rear shock, preload adjustable & oil damped	Weight	35.4kg

24.0R

This is NOT just a trials bike! The 24.0R is the ultimate versatile machine for teenagers or adults. A truly ground up design that takes OSET into new territory and new heights.

 AGE: **TEENAGERS AND BIG KIDS**
 FOR: **THRILL SEEKERS**

!! Don't waste money on cheap ride on's these are the real deal... OSET you have created a product that is without doubt the best way for any kid to develop skills that will last a lifetime!

Theo S



BIKE INFO

Wheelbase	1215mm (47.8")	Brakes	180mm Front & rear hydraulic disc
Seat Height	670mm (26.4")	Motor	1400W 48V OSET neodymium magnet DC motor
Ground clearance	315mm (12.4")	Controller	48V OSET with thermal cut-out, adjustable for power, speed & response
Bar height	1090mm (42.9")	Batteries	1 x OSET 20Ah, 48V Lithium battery, with charging, discharging & diagnostic ports
Wheels/Tyres	19.0" x 1.4" Alloy rims / hubs 19.0" x 2.5" F / R MC tyres	Charger	3 amp 48V, Lithium Ion
Suspension	Front telescopic spring fork , Rear shock, preload & compression adj, oil damping	Weight	46.8kg

24.0JR

Aimed at the youth trials market and able to compete in the Youth 'medium wheels' class. This is the perfect step up from the 20.0R - unbeaten against the 80cc geared bikes in competition.

 **AGE:** 9+ YRS
 **FOR:** **SERIOUS COMPETITORS**



BIKE INFO

Wheelbase	1215mm (47.8")	Brakes	180mm Front & rear hydraulic disc
Seat Height	670mm (26.4")	Motor	1400W 48V OSET neodymium magnet DC motor
Ground clearance	315mm (12.4")	Controller	48V OSET with thermal cut-out, adjustable for power, speed & response
Bar height	1090mm (42.9")	Batteries	1 x OSET 20Ah, 48V Lithium battery, with charging, discharging & diagnostic ports
Wheels/Tyres	19.0" F / 17" R alloy rims / hubs 19.0" x 2.5" F / 17" x 3.5" R MC tyres	Charger	3 amp 48V, Lithium Ion
Suspension	Front telescopic spring fork , Rear shock, preload & compression adj, oil damping	Weight	48.5kg

MX-10

The OSET MX-10 is designed as the first bike for off-road and motocross riders. Compared to the traditional petrol 'first bikes', this is a leap forward in performance and usability.

 **AGE:** 4+ YRS
 **FOR:** OFF-ROAD
ADRENALINE

!! Bought my 5yr old son the MX-10, these things are definitely the future, having never ridden before he took to it in minutes! I wouldn't touch a petrol bike again, these are definitely the way forward. Awesome quality, fantastic piece of kit OSET.

Peter W



BIKE INFO

Wheelbase	940mm (37.0")	Brakes	160mm Front & rear hydraulic disc.
Seat Height	Adjustable, 3 settings. 515 - 550mm (20.3 - 21.7")	Motor	1400W 48V OSET neodymium magnet DC motor.
Ground clearance	Adjustable, 3 settings. 170 - 200mm (6.7 - 7.9")	Controller	48V OSET with thermal cut out, adjustable for power, speed & response.
Bar height	Adjustable, 3 settings. 805 - 815mm (31.7 - 32.1")	Batteries	1 x OSET 20Ah 48V Lithium battery with charging, discharging & diagnostic ports.
Wheels/Tyres	10.0" x 1.60" front & rear alloy hubs / rims 10.0" x 2.5" F / 10.0" x 3.0" R MC tyres	Charger	3 amp 48V, Lithium Ion.
Suspension	Front USD air fork, adjustable rebound & compression. Rear shock, preload adjustable & oil dampened.	Weight	37.2kg

CLOTHING

OSET stock a complete range of casual clothing and riding gear - available in a range of sizes we can fit out both children and adults.

Visit our website for more information and to download our sizing guide.



RIDING JERSEY

Available in child sizes

The range suits children between 3-12 years of age

£30.00



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Available in child sizes

The range suits children between 3-12 years of age

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