

# CROSSOVER SPOOL

# SPOOL



## CONSTRUCTION

The Trio spool utilizing Crossover Construction principals is a multi-piece design, taking advantage of the weight savings of carbon graphite, and utilizing the strength and stability of aluminum. The drag system is housed in a self-contained Aluminum Drag Chamber (ADC). The ADC increases stability and drag smoothness under torque from the use of braided lines and heavy drag settings. The ADC functions as the spool lip providing a smooth casting surface, for longer more accurate casts. The spool body is lightweight carbon graphite; with a reinforced spool skirt that adds strength, durability and distinctive styling.

## DRAG SYSTEM

The Trio features Okuma's legendary Dual Force Drag (DFD) System. DFD utilizes a secondary drag system mounted below the spool. This helps stabilize drag pressures, and offers maximum high end drag pressure.



# CROSSOVER BODY

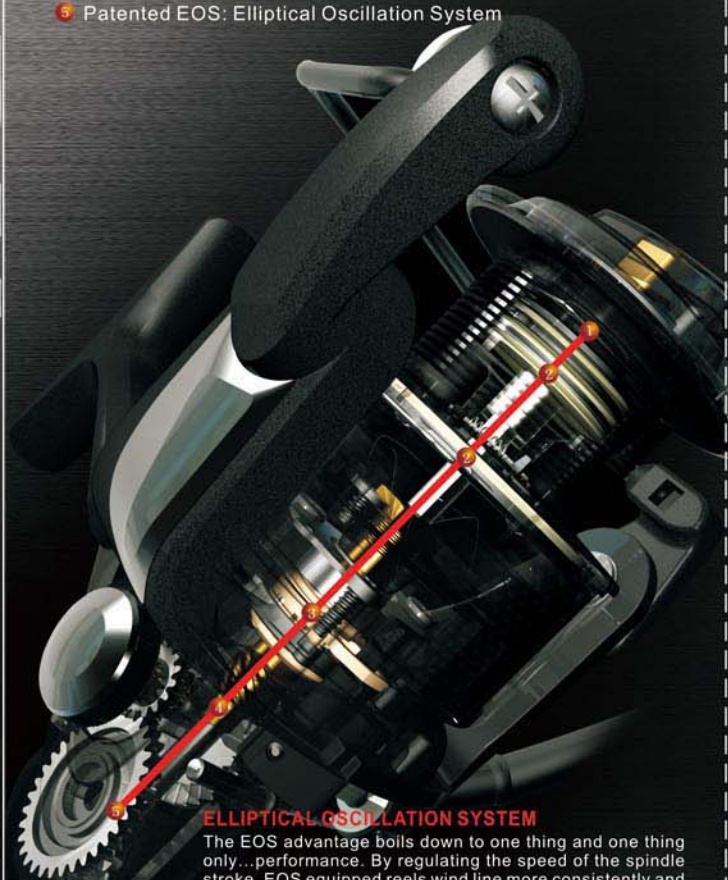
# BODY

## CONSTRUCTION

The soul of the Trio crossover constructions is the Trio body. The Trio body and rotor use three separate materials, taking advantage of strength, weight and corrosion resistance. The solid replaceable reel foot is made of durable die cast aluminum. The reel stem is forged out of anodized A6062, T4/T6 heat treated aluminum. This offers ultimate strength, keeps body and gears in true alignment under full drag loads and offers a super narrow profile. The side plates are injected graphite, keeping the overall weight down, while preventing any chance of corrosion.

## CONSTRUCTION

- 1 Multi-disc, Japanese -oiled felt drag washers with Hydro Block
- 2 DFD: Precision Dual Force Drag system
- 3 Quick-Set anti-reverse roller bearing
- 4 Precision cut machined brass pinion gear
- 5 Patented EOS: Elliptical Oscillation System



## ELLIPTICAL OSCILLATION SYSTEM

The EOS advantage boils down to one thing and one thing only...performance. By regulating the speed of the spindle stroke, EOS equipped reels wind line more consistently and uniformly on the spools, resulting in level line lay which in turn creates less friction during casting for increased distance, greater accuracy and longer line life, as well as smoother more uniform drag pressures.

## DUAL FORCE DRAG

DFD incorporates both surfaces of the spool to maximize high-end drag pressure, efficiency and overall smoothness. Mounted in the top of the spool and protected by the Hydro block system is a multi-disc felt drag system that works in conjunction with a secondary drag system that is mounted under the spool. Even pressure is applied to both surfaces of the spool for maximum stability, smoother drags and ultimate high-end drag pressure.



10 BEARINGS

ELLIPTICAL OSCILLATION SYSTEM

DFD DUAL FORCE DRAG

ALC AlumLite Construction

CRD

HYDRO-BLOCK

Model	Gear Ratio	Bearings	Weight (g)	Line retrieve	Max Drag Force(kg)	Monofilament line capacity (diameter in mm/M)	Frame	Sideplate	Rotor	Spool
Trio-20	5.0:1	9BB + 1RB	249	22"	8	0.15/220, 0.18/150, 0.20/130	AL/GR	GR	AL/GR	AL/GR
Trio-30	5.0:1	9BB + 1RB	292	25"	8	0.20/200, 0.25/140, 0.30/100	AL/GR	GR	AL/GR	AL/GR
Trio-40	5.0:1	9BB + 1RB	312	28"	9	0.30/170, 0.35/130, 0.40/100	AL/GR	GR	AL/GR	AL/GR
Trio-55	4.5:1	9BB + 1RB	434	30"	11	0.35/260, 0.40/200, 0.50/120	AL/GR	GR	AL/GR	AL/GR
Trio-30S	6.2:1	9BB + 1RB	295	22"	8	0.20/200, 0.25/140, 0.30/100	AL/GR	GR	AL/GR	AL/GR
Trio-40S	6.2:1	9BB + 1RB	306	35"	9	0.30/170, 0.35/130, 0.40/100	AL/GR	GR	AL/GR	AL/GR
Trio-55S	6.2:1	9BB + 1RB	417	41"	11	0.35/260, 0.40/200, 0.50/120	AL/GR	GR	AL/GR	AL/GR

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# TRIO

CROSSOVER CONSTRUCTION  
HIGH SPEED



Innovation at its freshest... Trio spinning reels represent a pure intuitive approach to the concept of the modern spinning reel, tackling purpose, form, function and the ultimate aesthetic design. Built on the foundation of Crossover Construction technology, the Trio takes advantage of the different materials utilized in reel construction today, integrating them in a truly unique fashion to create a pure mix; science, technology & style.

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