

DYNA-TECH

RALEIGH
SPECIAL PRODUCTS DIVISION

£2.00

DYNA-TECH

**PERFORMANCE
FROM THE HEART**



STEEL HAS BEEN AT THE HEART OF HIGH-PERFORMANCE CYCLES FOR OVER 100 YEARS.
 ITS COMBINATION OF STRENGTH, SHOCK ABSORPTION, RIGIDITY AND LONG-TERM RELIABILITY HAS BEEN PRIZED BY PROFESSIONALS, ENTHUSIASTS AND QUALITY FRAMEBUILDERS ALIKE.
 YET UNTIL DYNA-TECH NO ONE HAS BEEN ABLE TO FULLY EXPLOIT THE PERFORMANCE OF STEEL FRAME TUBING.

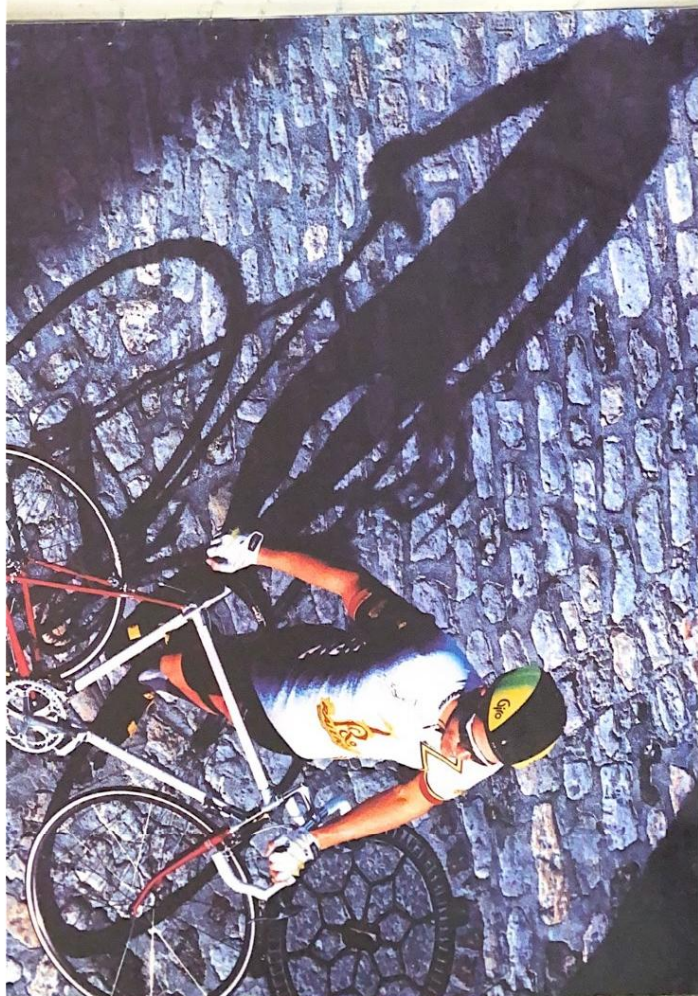


THIS UNIQUE PROCESS ELIMINATES THE NORMAL LOSS OF STRENGTH CAUSED BY WELDING OR BRAZING TUBE JOINTS. USING LOW-TEMPERATURE BONDING INTO PRECISELY-MACHINED LOGS, A DYNA-TECH FRAME IS UP TO 20% STRONGER AT EVERY MAJOR JOINT, IMPROVING ITS RIGIDITY, EFFICIENCY AND HANDLING.
 DYNA-TECH ROAD BIKES ACCELERATE FASTER, CLIMB BETTER AND HANDLE MORE CRISPLY.
 OFF-ROAD, DYNA-TECH MTBs COMBINE PRECISE HANDLING FOR FAST DESCENTS WITH THE CLIMBING AND ACCELERATION CHARACTERISTICS OF THE ROAD MACHINES.
 DYNA-TECH'S PERFORMANCE EDGE HAS BEEN PROVED IN THE HEAT OF COMPETITION AND BY RIGOROUS TESTING ON AND OFF-ROAD, HIGHLIGHTING THE EFFICIENCY OF DYNA-TECH FRAMES IN TRANSFERRING RIDER ENERGY WITH MINIMUM POWER LOSS.
 THE 1991 DYNA-TECH RANGE OF RACE, TRAINING, TOURING AND OFF-ROAD BIKES REPRESENTS THE VERY BEST BALEIGH'S SPECIAL PRODUCTS DIVISION HAS TO OFFER, A RANGE TO DELIGHT BOTH EYE AND BODY.

ROAD

**RIDING DYNA-TECH ON THE ROAD IS AN EXPERIENCE MERE WORDS
CANNOT CAPTURE.**

EVERY EFFORT IS TOTALLY REWARDED, EVERY COMMAND FAITHFULLY FOLLOWED AS RIDER
AND MACHINE BECOME ONE ENTITY WITH SPEED AS THE GOAL.
COUPLE DYNA-TECH'S EDGE WITH THE SATISFYING 'CLICK' OF PRECISION GEARSHIFTS, THE
SILKY HISS OF ULTRA-NARROW TYRES, THE FLASH OF THE SUN ON SPARKLING PAINT
AND SLEEK ALLOY AND PERFECT PERFORMANCE BECOMES PURE PLEASURE...





DYNA-TECH 300

START AS YOU MEAN TO GO ON ...
DYNA-TECH 300 IS THE PERFECT INTRODUCTION TO A NEW DEGREE OF PERFORMANCE.
AN IRRESISTIBLE TEMPTATION TO RIDE FURTHER AND FASTER.

FRAME: DYNA-TECH 2055 TRAINING GEOMETRY **FORKS:** REYNOLDS CR-MO.
WHEELS: ALESA ALLOY RIMS, SHIMANO 300EX HUBS, 700 x 20C REFLECTIVE TYRES.
TRANSMISSION: SHIMANO 300EX WITH BIOPACE 52/42 5G CHAINRINGS AND 7-SPEED
HYPERGLIDE CASSETTE **PEDALS:** SHIMANO AS50 **SIZES:** 54.5, 57, 59.5, 62CMS.
COLOURS: BLACK WITH RED TRIM.





DYNA-TECH 400

POWER TEMPERED WITH POISE...

DYNA-TECH 400: RACE-READY, WITH THE ADVANTAGES ONLY DYNA-TECH CAN DELIVER. CLEVERLY CONCEALED BENEATH CLASSIC COLOURS, YET PREPARED TO SPRING INTO ACTION.

FRAME: DYNA-TECH 2055 RACE GEOMETRY **FORKS:** REYNOLDS CR-MO.
WHEELS: ALES, ANODISED RIMS, SHIMANO 500EX HUBS, 700x20C REFLECTIVE TYRES.
GROUPSET: SHIMANO 500EX, WITH 52/42 SG CHAINRINGS AND DPM BRAKES.
PEDALS: SHIMANO AS50. **SIZES:** 54.5, 57, 59.5, 62CM. **COLOURS:** INDIGO BLUE WITH SILVER TRIM.





DYNA-500

LINE'S THAT BLEND STYLE WITH EFFICIENCY ...
DYNA-TECH 500 HAS THE SUREFOOTED HANDLING EVERY RACER DEMANDS ALLIED TO THE LIGHTNING-FAST RESPONSES ONLY THE BEST COMPONENTRY CAN PROVIDE

FRAME: DYNA-TECH 2060 RACE GEOMETRY **FORKS:** REYNOLDS CR-MO, TAPER GAUGE
WHEELS: ALESA ANODIZED RIMS, SHIMANO RX100 HUBS, 700x20C REFLECTIVE TYRES
GROUPSET: SHIMANO RX100 WITH 52/42 SG CHAINRINGS AND DP8 SLR BRAKES
SADDLE: VETTADEL RACE SHOCK ABSORBER **SIZES:** 54.5, 57, 59.5, 62CMS
COLORS: PEARL WHITE WITH AQUA TRIM



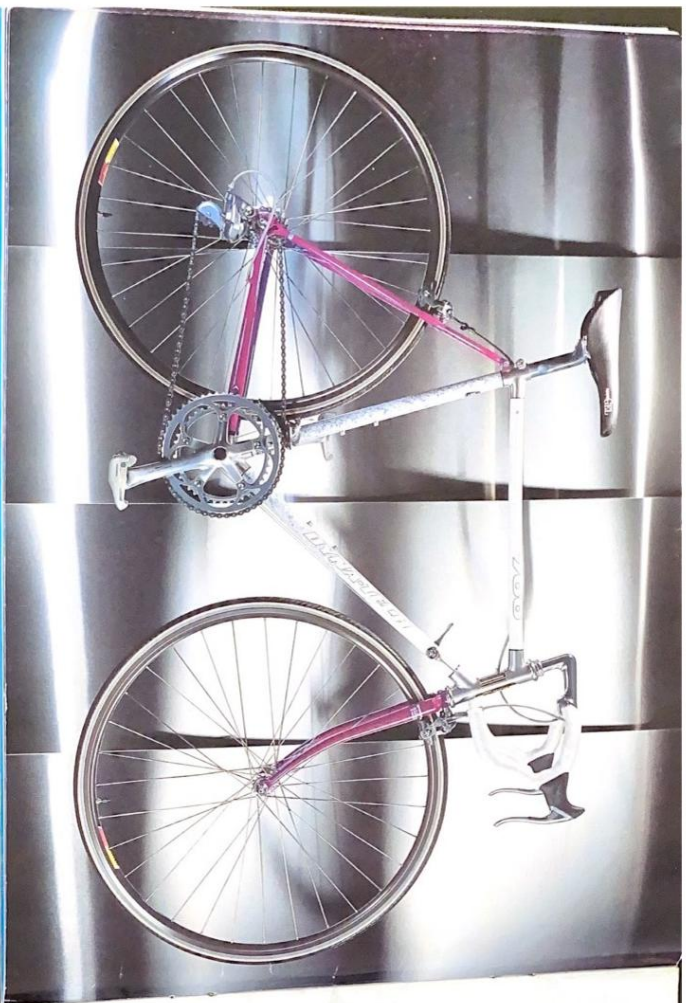


DT-600

THE WILL TO WIN MADE REALITY BY PRECISION ENGINEERING...
 DYNA-TECH 600 ADDS SHIMANO'S COMPETITION-LEVEL COMPONENTS TO OUR MOST AGGRESSIVE FRAME GEOMETRY, CREATING A MACHINE THAT LEADS BY EXAMPLE.

FRAME: DYNA-TECH 2060 RACE STRUT STAYS. **FORKS:** HENRIOLDS CR-MO, TAPER GAUGE
WHEELS: RIGIDA 34R 600 AERO RIMS, SHIMANO 105 HUBS, 700x20C REFLECTIVE TYRES
GROUPSET: SHIMANO 105, 52/42 5G CHAINSET DRB SLR BRAKES. **PEDALS:** SHIMANO
 1056 CLIPLESS. **SIZES:** 54.5, 57, 59.5, 62CM. **COLORS:** TEXTURED WHITE, PURPLE TRIM.





DT-700

SPEED, HELD BRIEFLY IN CHECK FOR YOU TO APPRECIATE...
DYNA-TECH 700 IS OUR ULTIMATE DISTILLATION OF RACE-PROVEN FRAME TECHNOLOGY
AND COMPONENTRY SOPHISTICATION FOR THE COMPETITOR WHO REFUSES
TO COMPROMISE.

FRAME: DYNA-TECH 2070 STRUT STAYS, RACE GEOMETRIC **FORKS:** HUYENOLDS CR-MO,
TAPER GAUGE **WHEELS:** RIGIDA SHIP 600 AERO RIMS, LUTIGRA HUBS, 700x20C
REFLECTIVE TYRES **GROUPSET:** SHIMANO 1991 LUTIGRA WITH 53/42 CHAINRINGS AND
D18 BRAKES **BAR:** TTTTOMAC ANATOMIC **SIZES:** M, S, 57, 59.5, 62CMS.
COLORS: TEXTURED WHITE, FUCHSIA TRIM





TOUR-LITE

GO FAST AND FAR...
 TOUR-LITE COMBINES RACE-BRED PERFORMANCE WITH LONG-DISTANCE COMFORT IN A
 FAST-DAY TOURER THAT THE LATEST ADVANCES IN COMPONENTRY MAKE A DELIGHT TO
 RIDE ALL DAY.

FRAME: DYNA-TECH 2055 TRAINING GEOMETRY **FORKS:** REYNOLDS MANGNOX
 TAPER GAUGE **WHEELS:** ALEXANDER NIMS SHIMANO RX100 HUBS 700 x 25C
 REFLECTIVE TYRES **TRANSMISSION:** SHIMANO 500 LX 21-SPEED BROCADE 48-38-28
 CRANKSET **SADDLE:** VETTA GEL **SIZES:** 54, 56, 57, 58, 60cm **COLORS:** WHITE,
 DEEP METALLIC RED TRIM

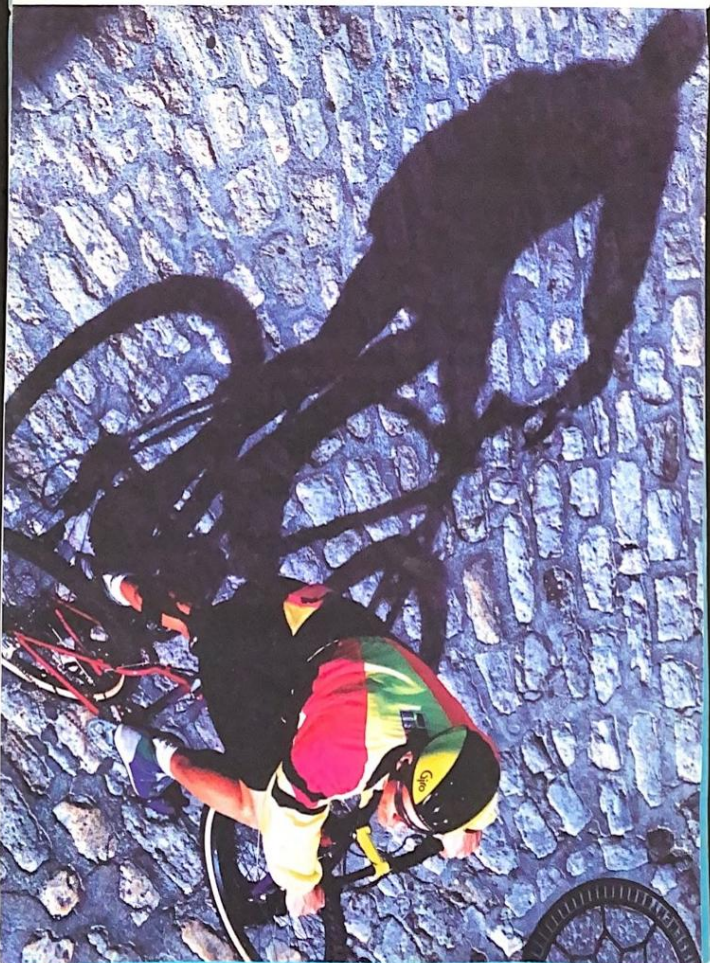


OFF-ROAD

THE DYNA-TECH MTB IS A REVELATION TO THE MOST DEMANDING RIDERS.

UPHILL BURSTS REVEAL LIGHTNESS AND LIVELINESS, COAXING OUT THOSE EXTRA ERGS OF ENERGY.

OBSTACLES AND COMPETITORS BECOME A DELIGHT TO MISS BY MILLIMETRES WITH THE CONFIDENCE OF PIN-SHARP STEERING AND TOTALLY PREDICTABLE TRACKING. THROW DYNA-TECH AT A FAST DOWNHILL STRETCH AND GIVE YOUR EXHILARATION FREE REIN, SECURE IN THE CERTAINTY THAT DYNA-TECH STRENGTH WILL MATCH YOUR COURAGE...





SENTINEL

TOUGH BUT NOT ROUGH, AND READY FOR ANYTHING...
SENTINEL BRINGS THE PERFORMANCE LEVELS OF DYNA-TECH TO THE RIDER WHO TAKES HIS FUN SERIOUSLY, WITH A QUALITY OF COMPONENTS THAT MATCH HIS EXPECTATIONS.

FRAME: DYNA-TECH 2055 TWIN-STAY, MTB GEOMETRY **FORKS:** SPINNER CR-MO, RADIUS BLADE **WHEELS:** RIGIDA HARD ANODISED RIMS, SHIMANO 500LX HUBS, CST 26x1.90 TYRES **GROUPSET:** SHIMANO 500LX WITH RAPIDFIRE SHIFTERS **BRAKES:** SHIMANO DEORE DX **LO-PROFILE SIZES:** 42.5, 45, 49CMS **COLORS:** SILVER, EMERALD GREEN TRIM





ENCOUNTER

ENCOUNTER IS THE FIRST

BIKE TO BE DESIGNED BY THE NEW YORK CITY DEPARTMENT OF TRANSPORTATION

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MISSION

THE TECHNOLOGY TO SATISFY YOUR WANDERLUST...
MISSION COMBINES OUR TOP-GRADE VARIABLE GEOMETRY FRAME AND STRAIGHT-BLADE FORKS WITH SHIMANO'S ENTRY-LEVEL COMPETITION GROUP, A BIKE THAT'S HUNGRY FOR FAR HORIZONS AND FAST FOOTWORK.

FRAME: DYNA-TECH 2070 STIUT MTB GEOMETRY **FORKS:** REYNOLDS MANG MOLY STRAIGHT-BLADE **WHEELS:** RIGIDA HARD ANODISED RIMS, SHIMANO DEORE DX HUBS, MICHELIN HI-LITE HOT TYRES **GROUPSET:** SHIMANO DEORE DX WITH STI SHIFTERS
SIZES: 42.5, 45, 49CMS **COLORS:** BLACK, GUNMETAL TRIM





ODYSSEY

CONTROLLED AGGRESSION ...
 ODYSSEY BRINGS THE TOP SHIMANO OFF-ROAD RACING GROUPSET TO OUR FINEST FRAME AND FORKS, WITH A COLOUR SCHEME THAT TOTALLY MATCHES YOUR SERIOUS COMPETITIVE INTENT.

FRAME: DYNA-TECH 2070 STRUT MTB GEOMETRY **FORKS:** REYNOLDS MANG-MOLY STRAIGHT BLADE **WHEELS:** ARAVA RIM7 HARD ANODISED RIMS, SHIMANO DEORE XT HUBS, MICHELIN HULTE HOTTYRES **GROUPSET:** SHIMANO DEORE XT WITH STI SHIFTERS **SADDLE:** VETTA GEL SA, SUEDE FINISH **SIZES:** 42.5, 45, 49CMS **COLOURS:** SILVER, PLATINUM TRIM





VOYAGER

A MACHINE TO SUCCESSFULLY CHALLENGE CONVENTIONAL WISDOM...
VOYAGER LOOKS TO EUROPE, NOT JAPAN, FOR ITS COMPONENTRY AND FINDS QUALITY
AND INNOVATION TO SATISFY THE MOST DEMANDING RIDER.

FRAME: DYNA-TECH 2060 STUFT MTB GEOMETRY. **FORKS:** SPINNER CR-MO. RADIUS
BLADE. **WHEELS:** RIGIDA HARD ANODISED RIMS, CAMPAGNOLO OLYMPUS HUBS.
MICHELIN HI-LITE HOTTYRES. **GROUPSET:** CAMPAGNOLO OLYMPUS 24-SPEED WITH
BULLET SHIFTERS. **SIZES:** 42.5, 45, 49CMS (LIMITED AVAILABILITY 53CMS).
COLOURS: SILVER, DEEP METALLIC RED TRIM.





ENDEAVOUR

PURE PERFORMANCE. RAISED TO THE PINNACLE OF DESIRABILITY ...
 ENDEAVOUR COMBINES DYNA-TECH MUSCLE WITH CAMPAGNOLO CREATIVITY TO ENSURE
 TOTAL DOMINATION OF THE TOUGHEST TERRAIN WITH THE TECHNOLOGY TO BULLET PAST
 THE COMPETITION.

FRAME: DYNA-TECH 2070 STRUT, MTB PRO GEOMETRY **FORKS:** REYNOLDS MANG-MOLY
 STRAIGHT-BLADE **WHEELS:** CAMPAGNOLO THOR HIMS, CENTAUR HUBS, TIGGA TYRES
GROUPSET: CAMPAGNOLO CENTAUR 24-SPEED, BULLET SHIFTERS **STEM:** GIACIN
FLEXITEM SIZES: 42.5, 45, 49CMS **COLORS:** PURPLE, FUCHSIA TRIM.



OFF-ROAD

SENTINEL

FRAME Dyna-Tech MTB, 2055
tube-set, rear strut

FORK Spinner C-Mo, radius blade

WHEELS Rims - Rigida Laser 400 hard anodized, Hubs - Shimano QR, Spokes - Stainless 14 gauge, Tyres - CST 26 x 1.90

HANDLEBAR C-Mo swaged, rubber grips

STEM C-Mo internal cable run

BRAKES Deore DX Low Profile, SLR

DERAILLEUR Shimano 500 LX, STI shifters

CHAINSET Shimano 500DX 48, 38, 28T 8P SG

FREEWHEEL Cassette 7 speed 12-28T HG

PEDALS Shimano 500DX

SADDLE VETTA gel, shock absorber

SEAT PIN 4130 C-Mo micro adjust

OTHER FEATURES Toe clips and straps

APPROX WEIGHT 13.00kg

ODYSSEY

FRAME Dyna-Tech MTB, 2070
tube-set, rear strut

FORK Reynolds Mang-Moly taper gauge blades, straight

WHEELS Rims - Aqara RMT hard anodized 32-hole, Hubs - Deore XT, Spokes - Stainless 14 gauge, Tyres - Michelin Hi-Lite Hot 26 x 1.95

HANDLEBAR C-Mo swaged, Grab-On MTN-2 grips

STEM C-Mo internal cable run

BRAKES Deore XT Low Profile, ST-M092 levers

CHAINSET Deore XT 46-36-24T round, SG

FREEWHEEL Cassette 7 speed 12-28T HG

PEDALS Deore XT

SADDLE VETTA gel, shock absorber, suede

SEAT PIN Deore XT

OTHER FEATURES Toe clips and straps

APPROX WEIGHT 12.80kg

ENCOUNTER

FRAME Dyna-Tech MTB, 2060
tube-set, rear strut

FORK Spinner C-Mo, Radius blade

WHEELS Rims - Rigida Laser 400 hard anodized, Hubs - Deore LX 36-hole, Spokes - Stainless 14 gauge, Tyres - CST 26 x 1.90

HANDLEBAR C-Mo swaged, rubber grips

STEM C-Mo internal cable run

BRAKES Deore DX Low Profile, SLR

DERAILLEUR Deore LX, with DX STI shifters

CHAINSET Deore LX 46-36-24T round, SG

FREEWHEEL Cassette 7 speed 12-28T HG

PEDALS Deore LX

SADDLE VETTA gel, shock absorber

SEAT PIN 4130 C-Mo micro adjust

OTHER FEATURES Toe clips and straps

APPROX WEIGHT 13.00 kg

VOYAGER

FRAME Dyna-Tech MTB, 2060
tube-set, rear strut

FORK Spinner C-Mo, Radius blade

WHEELS Rims - Rigida Laser 400 hard anodized, Hubs - Shimano QR, rear freehub, Spokes - Stainless 14 gauge, Tyres - Michelin Hi-Lite Hot 26 x 1.95

HANDLEBAR C-Mo swaged, rubber grips

STEM C-Mo internal cable run

BRAKES Campagnolo Olympus

DERAILLEUR Campagnolo Olympus + Buller

CHAINSET Campagnolo Olympus 46-36-26T round

FREEWHEEL Cassette 8 speed 12-28T

PEDALS Campagnolo Olympus

SADDLE VETTA gel, shock absorber

SEAT PIN 4130 C-Mo micro adjust

OTHER FEATURES Toe clips and straps

APPROX WEIGHT 13.00kg

MISSION

FRAME Dyna-Tech MTB, 2070
tube-set, rear strut

FORK Reynolds Mang-Moly taper gauge blades, straight

WHEELS Rims - Rigida Laser 400 hard anodized 32-hole, Hubs - Shimano Deore DX, Spokes - Stainless 14 gauge, Tyres - Michelin Hi-Lite Hot 26 x 1.95

HANDLEBAR C-Mo swaged, Grab-On MTN-2 grips

STEM C-Mo internal cable run

BRAKES Shimano Deore DX Low Profile, SLR

DERAILLEUR Shimano Deore DX, STI shifters

CHAINSET Shimano Deore DX 46-36-24T round, SG

FREEWHEEL Cassette 7 speed 12-28T HG

PEDALS Shimano Deore DX

SADDLE VETTA gel, shock absorber

SEAT PIN 4130 C-Mo, micro adjust

OTHER FEATURES Toe clips and straps

APPROX WEIGHT 12.84kg

ENDEAVOUR

FRAME Dyna-Tech MTB Pro, 2070
tube-set

FORK Reynolds Mang-Moly taper gauge straight blades, Cast wheel, retainer ends

WHEELS Rims - Campagnolo THORR, barbed, Hubs - Campagnolo QR, freehub, rear, Spokes - Stainless 14 gauge, Tyres - Troop Mud Dawg rear, Trail Dawg front

HANDLEBAR Reynolds 753, rubber grips

STEM Grom Flexion

BRAKES Campagnolo Centaur

DERAILLEUR Campagnolo Centaur + Buller

CHAINSET Campagnolo Centaur 46-36-26T round

FREEWHEEL Cassette 8 speed 12-28T

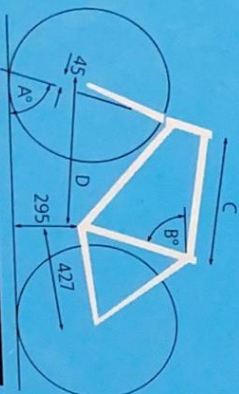
PEDALS Campagnolo Centaur

SADDLE Campagnolo Ektica leather, air cushion

SEAT PIN Campagnolo Centaur

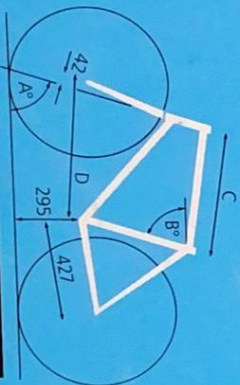
OTHER FEATURES Toe clips and straps

APPROX WEIGHT 12.80kg



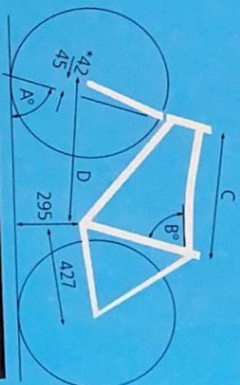
DYNA-TECH MTB PRO GEOMETRY

SIZE cm	A°	B°	C mm	D mm
42.5	71°	71°	543	598
45	71.5°	72.5°	560	620
49	71.5°	72.5°	583	646



DYNA-TECH MTB PRO GEOMETRY

SIZE cm	A°	B°	C mm	D mm
42.5	71°	71°	543	595
45	71.5°	72.5°	560	617



DYNA-CURVE GEOMETRY

SIZE cm	A°	B°	C mm	D mm
49	71.5°	72.5°	591	644
53	71.5°	72°	592	648

DYNA-CURVE TOP TUBES:
TO ENSURE MAXIMUM SUPPORT FOR THE SEAT TUBE, WHILE KEEPING THE HEAD TUBE AT THE OPTIMUM LENGTH FOR THE SEAT TUBE, DYNATECH TOP TUBES HAVE THE COMBINATION OF MTB PRO GEOMETRY AND DYNA-CURVE TOP TUBE PROFILE. ENDEAVOUR GIVES THE LARGEST COMBINATION OF THE IDEAL DESIGN POSITION.

WEIGHT CONVERSION TABLE

22	23	24	25	26	27	28	29	30
10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	
lbs								kg

MALEIGH
SPECIAL PRODUCTS DIVISION

YOUR DYNA-TECH DEALER:



TRIUMPH ROAD, NOTTINGHAM, ENGLAND
DESIGNED AND PRODUCED BY GARRATT BAULCOMBE/FCB