



| INSTINCT ASL |



| TRACTION ASL |



| SPIRIT ASL [A] |



| SPIRIT ASL [B] |



| PEGAS ASL [A] |



| PEGAS ASL [B] |



| SOLUTION ASL [A] |



| SOLUTION ASL [B] |



| IMPULSE ASL [A] |



| IMPULSE ASL [B] |



| RIVAL ASL [A] |



| RIVAL ASL [B] |



## AUTHOR MTB ASL 27,5"

Models INSTINCT ASL, TRACTION ASL, SPIRIT ASL and PEGAS ASL are on 27,5" wheel size already for 4th year. They have the same frame as their men's partners – INSTINCT, TRACTION, SPIRIT and PEGAS, but they are still keeping ASL geometry. For such a frame tubes shape we had to open our own molds. The shaping of the tubes we call and name as AUTHOR HYDROFORM TECHNOLOGY.

### AUTHOR HYDROFORM TECHNOLOGY

#### Frame's Structural Elements

1. direct Post Mount (PM) interface on the left seat stay prepared for 6" rotor
2. the conical head tube compatible with the 1,5" fork's tapered steerer tube
3. the reinforcement gusset between chain and seat stay
4. newly side swing routing through down tube for front derailleur (INSTINCT ASL and TRACTION ASL)

The above mentioned models are for next year completed by SOLUTION ASL and IMPULSE ASL and RIVAL ASL, which belong to frame platform LOGIC II and so have a new frame with it's own hydroformed shape (molds for top and down tube) and geometry, which is specifically tuned according to the wheel size, gender and use. Convexly bended frame top tube will remain on these models.

The applied material is again the well-proven double butted alloy 6061.

The above stated models of AUTHOR MTB ASL collection represent seven models in a different component and frame's quality. They are offered in 14, 16 and 18" size.



SHIMANO  
3x10



| INSTINCT ASL |

FRAME	double butted hydroformed alloy 6061 (ASL)	BRAKES	Shimano BR M425 (6"), hydraulic
FORK	RST F1RST 27.5 Air (100 mm travel)	TIRES	Vittoria Barzo Kevlar 27.5" x 2.25"
CHAINWHEEL	Shimano SLX (40-30-22 teeth), BB unit	COLOR	White / Caribbean Green
REAR DERAILLEUR / SHIFTERS	Shimano SLX, 30 speed		

SHIMANO  
3x10



| TRACTION ASL |

FRAME	double butted hydroformed alloy 6061 (ASL)	BRAKES	Tektro Gemini (6"), hydraulic
FORK	RST Aerial 27.5 TnL (100 mm travel)	TIRES	Vittoria Barzo Kevlar 27.5" x 2.25"
CHAINWHEEL	Shimano Deore (40-30-22 teeth), BB unit	COLOR	Matte Temple Grey / Suzy Pink
REAR DERAILLEUR / SHIFTERS	Shimano Deore, 30 speed		





## | SPIRIT ASL [A] |

FRAME	hydroformed alloy 6061 (ASL)	BRAKES	Tektro Auriga (6"), hydraulic
FORK	RST Blaze 27.5 TnL (100 mm travel)	TIRES	Author Speed Master 27.5" x 2.00"
CHAINWHEEL	Shimano M4000 (40-30-22 teeth)	COLOR A	Matte Treasure Silver / Racing Red
REAR DERAILLEUR / SHIFTERS	Shimano Alivio, 27 speed		



## | SPIRIT ASL [B] |

FRAME	hydroformed alloy 6061 (ASL)	BRAKES	Tektro Auriga (6"), hydraulic
FORK	RST Blaze 27.5 TnL (100 mm travel)	TIRES	Author Speed Master 27.5" x 2.00"
CHAINWHEEL	Shimano M4000 (40-30-22 teeth)	COLOR B	Suzy Pink / Italian Blue / Black
REAR DERAILLEUR / SHIFTERS	Shimano Alivio, 27 speed		



| PEGAS ASL [A] |

<b>FRAME</b>	hydroformed alloy 6061 (ASL)
<b>FORK</b>	RST Gila 27.5 ML (100 mm travel)
<b>CHAINWHEEL</b>	Suntour XCM (40-30-22 teeth)
<b>REAR DERAILLEUR / SHIFTERS</b>	Shimano Acera, 27 speed

<b>BRAKES</b>	Tektro Auriga (6"), hydraulic
<b>TIRES</b>	Author Speed Master 27.5" x 2.00"
<b>COLOR A</b>	Matte Temple Grey / Neon Yellow



| PEGAS ASL [B] |

<b>FRAME</b>	hydroformed alloy 6061 (ASL)
<b>FORK</b>	RST Gila 27.5 ML (100 mm travel)
<b>CHAINWHEEL</b>	Suntour XCM (40-30-22 teeth)
<b>REAR DERAILLEUR / SHIFTERS</b>	Shimano Acera, 27 speed

<b>BRAKES</b>	Tektro Auriga (6"), hydraulic
<b>TIRES</b>	Author Speed Master 27.5" x 2.00"
<b>COLOR B</b>	Matte Treasure Silver / Fresh Lila





## | SOLUTION ASL [A] |

FRAME	alloy 6061 (ASL)	BRAKES	Tektro Auriga (6"), hydraulic
FORK	RST Gila 27.5 ML (100 mm travel)	TIRES	Author Speed Master 27.5" x 2.00"
CHAINWHEEL	Suntour XCM (40-30-22 teeth)	COLOR A	White / Caribbean Green
REAR DERAILLEUR / SHIFTERS	Shimano Altus, 27 speed		



## | SOLUTION ASL [B] |

FRAME	alloy 6061 (ASL)	BRAKES	Tektro Auriga (6"), hydraulic
FORK	RST Gila 27.5 ML (100 mm travel)	TIRES	Author Speed Master 27.5" x 2.00"
CHAINWHEEL	Suntour XCM (40-30-22 teeth)	COLOR B	Matte Ritual Silver / Suzy Pink
REAR DERAILLEUR / SHIFTERS	Shimano Altus, 27 speed		



| IMPULSE ASL [A] |

<b>FRAME</b>	alloy 6061 (ASL)	<b>BRAKES</b>	Tektro (6"), hydraulic
<b>FORK</b>	RST Gila 27.5 ML (100 mm travel)	<b>TIRES</b>	Author Speed Master 27.5" x 2.00"
<b>CHAINWHEEL</b>	Prowheel (42-34-24 teeth)	<b>COLOR A</b>	Suzy Pink / Italian Sky / Black
<b>REAR DERAILLEUR / SHIFTERS</b>	Shimano Altus, 24 speed		



| IMPULSE ASL [B] |

<b>FRAME</b>	alloy 6061 (ASL)	<b>BRAKES</b>	Tektro (6"), hydraulic
<b>FORK</b>	RST Gila 27.5 ML (100 mm travel)	<b>TIRES</b>	Author Speed Master 27.5" x 2.00"
<b>CHAINWHEEL</b>	Prowheel (42-34-24 teeth)	<b>COLOR B</b>	Matte Ritual Silver / Tropical Orange
<b>REAR DERAILLEUR / SHIFTERS</b>	Shimano Altus, 24 speed		







## | RIVAL ASL [A] |

FRAME	alloy 6061 (ASL)	BRAKES	Tektro (6"), hydraulic
FORK	RST Gila 27.5 T (100 mm travel)	TIRES	Author Speed Master 27.5" x 2.00"
CHAINWHEEL	Prowheel (42-34-24 teeth)	COLOR A	White / Racing Red
REAR DERAILLEUR / SHIFTERS	Shimano TY700 / TX800, 24 speed		

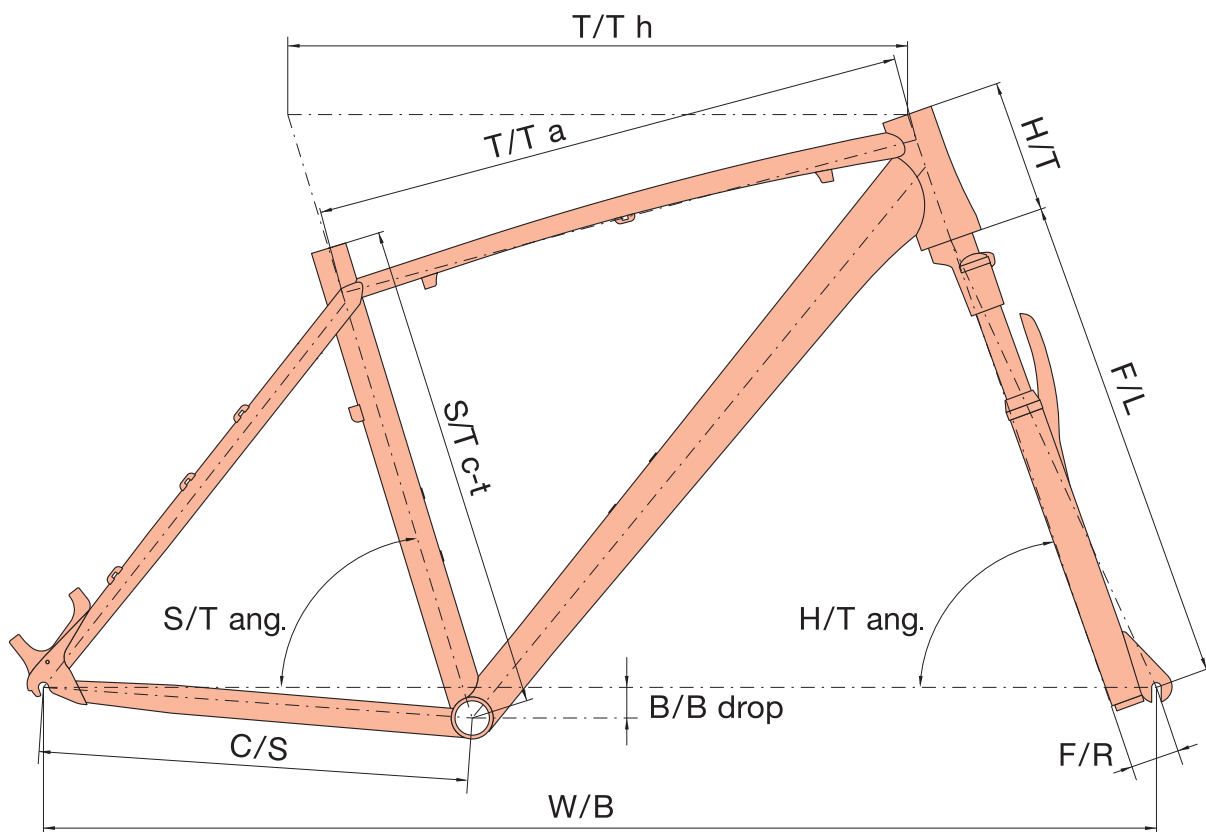


## | RIVAL ASL [B] |

FRAME	alloy 6061 (ASL)	BRAKES	Tektro (6"), hydraulic
FORK	RST Gila 27.5 T (100 mm travel)	TIRES	Author Speed Master 27.5" x 2.00"
CHAINWHEEL	Prowheel (42-34-24 teeth)	COLOR B	Matte Temple Grey / Aura Violet / Menthol Green
REAR DERAILLEUR / SHIFTERS	Shimano TY700 / TX800, 24 speed		

MODEL	POSITION AND ANNUAL UPGRADES
INSTINCT ASL	alloy hydroformed double butted 27.5" ASL frame, RST F1RST 27.5 AIR fork, SHIMANO SLX, 30 speed, SHIMANO hydraulic disc brakes new SHIMANO DEORE front derailleur new AUTHOR ASL foam grips with clamp
TRACTION ASL	alloy hydroformed double butted 27.5" ASL frame, RST AERIAL 27.5 TnL air fork, SHIMANO DEORE, 30 speed, TEKTRO GEMINI WS hydraulic disc brakes new SHIMANO DEORE chainwheel, 40-30-22 teeth, BB unit new SHIMANO DEORE gear and front derailleur, 10 speed new SHIMANO DEORE shifting, 30 speed new AUTHOR ASL foam grips with clamp
SPIRIT ASL	alloy hydroformed ASL frame, RST BLAZE 27.5 TnL fork, SHIMANO ALIVIO, 27 speed, TEKTRD AURIGA WS hydraulic disc brakes
PEGAS ASL	alloy hydroformed ASL frame, RST BLAZE 27.5 TnL fork, SHIMANO ACERA, 27 speed, TEKTRD AURIGA WS hydraulic disc brakes new AUTHOR ASL foam grips with clamp
SOLUTION ASL	alloy ASL frame, RST GILA 27.5 ML fork, SHIMANO ALTUS, 27 speed, TEKTRD AURIGA WS hydraulic disc brakes new frame design new SHIMANO ALTUS shifting, gear and front derailleur, 27 speed new AUTHOR ASL foam grips
IMPULSE ASL	alloy ASL frame, RST GILA 27.5 ML fork, SHIMANO ALTUS, 24 speed, TEKTRD WS hydraulic disc brakes new frame design new PROWHEEL chainwheel, 42-34-24 teeth new AUTHOR ASL foam grips
RIVAL ASL	entry MTB ASL 27.5", alloy frame, RST GILA 27.5 T fork, SHIMANO TOURNEY, 24 speed, TEKTRD mechanical disc brakes

MODEL	INSTINCT ASL	TRACTION ASL	SPIRIT ASL	PEGAS ASL	SOLUTION ASL	IMPULSE ASL	RIVAL ASL
SIZE	14", 16", 18"	14", 16", 18"	14", 16", 18"	14", 16", 18"	14", 16", 18"	14", 16", 18"	14", 16", 18"
FRAME	double butted hydroformed alloy 6061 27.5" (ASL)	double butted hydroformed alloy 6061 27.5" (ASL)	hydroformed alloy 6061 27.5" (ASL)	hydroformed alloy 6061 27.5" (ASL)	alloy 6061 27.5" (ASL)	alloy 6061 27.5" (ASL)	alloy 6061 27.5" (ASL)
FRONT FORK	RST F1RST 27.5 air, lock out (100 mm)	RST Aerial 27.5 TnL air, lock out (100 mm)	RST Blaze 27.5 ML lock out (100 mm)	RST Gila 27.5 ML lock out (100 mm)	RST Gila 27.5 ML lock out (100 mm)	RST Gila 27.5 ML lock out (100 mm)	RST Gila 27.5 T (100 mm)
HEAD PARTS	FSA Integrated 1.5" tapered	AUTHOR Integrated 1.5" tapered	AUTHOR Integrated 1.5" tapered	AUTHOR Integrated 1.5" tapered	PRESTINE Integrated 1-1/8"	PRESTINE Integrated 1-1/8"	PRESTINE Integrated 1-1/8"
CHAINWHEEL	SHIMANO SLX 40-30-22 teeth 170 mm cranks	SHIMANO Deore 40-30-22 teeth 170 mm cranks	SHIMANO M4000 40-30-22 teeth 170 mm cranks	SUNTOUR XCM 40-30-22 teeth 170 mm cranks	SUNTOUR XCM 40-30-22 teeth 170 mm cranks	PROWHEEL 42-34-24 teeth 170 mm cranks	PROWHEEL 42-34-24 teeth 170 mm cranks
B.B. PARTS	SHIMANO BB-MT800 BB unit	SHIMANO BB-52 BB unit	SHIMANO ES300 Octalink	SUNTOUR XCT cartridge	SUNTOUR XCT cartridge	VP COMP cartridge	VP COMP cartridge
FRONT DERAILLEUR	SHIMANO Deore (34.9)	SHIMANO Deore (34.9)	SHIMANO Acera (34.9)	SHIMANO Acera (34.9)	SHIMANO Altus (34.9)	SHIMANO TY700 (34.9)	SHIMANO TY700 (34.9)
REAR DERAILLEUR	SHIMANO SLX	SHIMANO Deore	SHIMANO Alivio	SHIMANO Acera	SHIMANO Altus	SHIMANO Altus	SHIMANO TX800
SHIFTERS	SHIMANO SLX (30)	SHIMANO Deore (30)	SHIMANO Alivio (27)	SHIMANO Acera (27)	SHIMANO Altus (27)	SHIMANO Altus (24)	SHIMANO TX800 (24)
FREEWHEEL	SHIMANO HG50-10 11-36 (10)	SHIMANO HG50-10 11-36 (10)	SHIMANO HG400-9 11-34 (9)	SHIMANO HG200-9 11-34 (9)	SHIMANO HG200-9 11-34 (9)	SHIMANO HG200-8 12-32 (8)	SHIMANO HG200-8 12-32 (8)
CHAIN	KMC X10-1	KMC X10-1	KMC Z99	KMC Z99	KMC Z99	KMC Z72	KMC Z72
HUBS	AUTHOR Xenon 32 holes	AUTHOR Radon 32 holes	QUANDO Disc 32 holes	QUANDO Disc 32 holes	QUANDO Disc 32 holes	QUANDO Disc 32 holes	QUANDO Disc 32 holes
BRAKES	SHIMANO BR M425 disc hydraulic (6" rotors)	TEKTRO Gemini disc hydraulic (6" rotors)	TEKTRO Auriga disc hydraulic (6" rotors)	TEKTRO Auriga disc hydraulic (6" rotors)	TEKTRO Auriga disc hydraulic (6" rotors)	TEKTRO disc hydraulic (6" rotors)	TEKTRO disc mechanical (6" rotors)
BRAKE LEVERS	SHIMANO BL M425	TEKTRO Gemini WS	TEKTRO Auriga WS	TEKTRO Auriga WS	TEKTRO Auriga WS	TEKTRO WS	SHIMANO TX800
RIMS	AUTHOR Xenon Pro 27.5 32 holes	AUTHOR Xenon Pro 27.5 32 holes	AUTHOR Xenon 27.5 32 holes	AUTHOR Xenon 27.5 32 holes	AUTHOR Xenon 27.5 32 holes	AUTHOR Xenon 27.5 32 holes	AUTHOR Xenon 27.5 32 holes
SPOKES	black stainless steel 2.0 mm	black stainless steel 2.0 mm	black steel	black steel	black steel	black steel	black steel
TIRES	VITTORIA Barzo kevlar 27.5" x 2.25"	VITTORIA Barzo kevlar 27.5" x 2.25"	AUTHOR Speed Master 27.5" x 2.00"	AUTHOR Speed Master 27.5" x 2.00"	AUTHOR Speed Master 27.5" x 2.00"	AUTHOR Speed Master 27.5" x 2.00"	AUTHOR Speed Master 27.5" x 2.00"
PEDALS	-	AUTHOR alloy	AUTHOR alloy	AUTHOR alloy	resin	resin	resin
HANDLEBAR	AUTHOR 9° 640 / 660 mm	AUTHOR 9° 640 / 660 mm	AUTHOR 9° 640 / 660 mm	AUTHOR 9° 640 / 660 mm	AUTHOR 8° 640 / 660 mm	AUTHOR 8° 640 / 660 mm	steel 20 mm 640 mm
GRIPS	AUTHOR GripLock foam	AUTHOR GripLock foam	AUTHOR GripLock foam	AUTHOR GripLock foam	AUTHOR high density foam	AUTHOR high density foam	AUTHOR high density foam
STEM	AUTHOR alloy	AUTHOR alloy	AUTHOR alloy	AUTHOR alloy	AUTHOR alloy	AUTHOR alloy	ZOOM alloy
SEAT POST	AUTHOR alloy (31.6)	AUTHOR alloy (31.6)	AUTHOR alloy (31.6)	AUTHOR alloy (31.6)	AUTHOR alloy (31.6)	AUTHOR alloy (31.6)	ZOOM alloy (31.6)
SEAT CLAMP	AUTHOR (34.9)	AUTHOR (34.9)	AUTHOR (34.9)	AUTHOR (34.9)	AUTHOR (34.9)	AUTHOR (34.9)	AUTHOR (34.9)
SADDLE	AUTHOR Fenix	AUTHOR Fenix	AUTHOR Fenix	AUTHOR Fenix	AUTHOR Fenix	AUTHOR Fenix	AUTHOR Fenix
SPEED	30	30	27	27	27	24	24



	S/T c-t	T/T h	T/T a	H/T	C/S	W/B	S/T ang.	H/T ang.	F/L	B/B drop	B/B width	F/R
<b>INSTINCT ASL * T 1.5" PF / TRACTION ASL * T 1.5" PF / SPIRIT ASL * T 1.5" PF / PEGAS ASL * T 1.5" PF</b>												
14"	356	545	541	110	425	1033	73.0	70.0	495	45	68	44
16"	406	560	545	120	425	1054	73.0	69.5	495	45	68	44
18"	457	585	563	130	425	1080	73.0	69.5	495	45	68	44
<b>SOLUTION ASL * / IMPULSE ASL *</b>												
14"	356	545	541	110	425	1033	73.0	70.0	495	45	68	44
16"	406	560	545	120	425	1054	73.0	69.5	495	45	68	44
18"	457	585	563	130	425	1079	73.0	69.5	495	45	68	44

\* t 1,5" PF - semiintegrated head set 1,5" tapered PF  
 \* - 1 1/8" semiintegrated head set PF

PF - Press Fit

**GEOMETRY TABLE LEGEND:**

- S/T c-t - seat tube (center-top)
- T/T h - top tube horizontal,
- T/T a - top tube actual
- H/T - head tube
- C/S - chain stay
- W/B - wheel base
- S/T ang. - seat tube angle
- H/T ang. - head tube angle
- F/L - fork length
- B/B drop - bottom bracket drop
- B/B width - bottom bracket width
- F/R - fork rake

Recommended frame size to the body height for each model you can find on our web site [www.author.eu](http://www.author.eu)

