UPGRADE

Xtract-All® SPINE V.2
Universal Spinal Implant Removal System

a comprehensive revision system designed to remove
cervical, thoracic, and lumbar spinal hardware

The new S9SPINE system from Shukla Medical adds

21 STANDARD • 16 PROPRIETARY • 37 TOTAL

<u>NEW</u> DRIVER CONFIGURATIONS FOR IMPLANT REMOVAL

This is a **47% INCREASE** in total spine compatibility!

Alongside the upgraded instrumentation case, the S9SPINE is
the MOST comprehensive spinal implant removal set on the market. Period.

DEDICATED CERVICAL & THORACOLUMBAR SYSTEMS

Cervical System

56 **DRIVERS** compatible with standard &
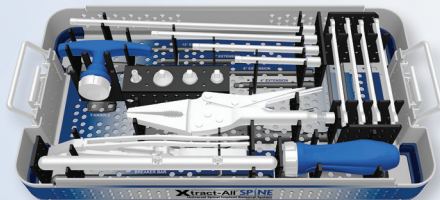proprietary implant configurations

Thoracolumbar System

76 **DRIVERS** compatible with standard &
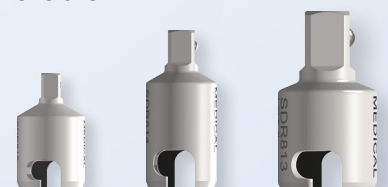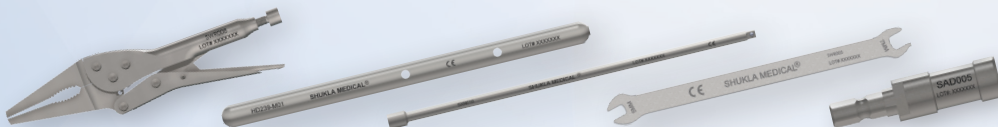proprietary implant configurations

UPGRADED INSTRUMENTATION

Improved Design + New Tools =
Truly Universal

We redesigned the instrumentation case to hold even
more tools, giving surgeons uncompromised solutions for
the most challenging spinal revisions

SHUKLA MEDICAL®
Universal Orthopedic Extraction Technologies

...Because Every Minute Counts®

Xtract-All® SPINE V.2
Universal Spinal Implant Removal System

So how do they stack up?
MKS1031 versus S9SPINE

Proprietary Implant Compatibility

	MKS1031	S9SPINE
Advanced Spine® Sleeve Nut	✓	✓
Advanced Spine® Anchor	✓	✓
Aesculap® 4-Prong	✓	✓
Aesculap® 5-Star	✓	✓
Alphatec® Unlock Tool	✓	✓
Biomet® Pentalobe S15		✓
Biomet® Polaris® 5.5		✓
Blackstone® 2-Prong	✓	✓
Blackstone® Tri-Lobe	✓	✓
Corin® 3-Lok	✓	✓
Corin® Cervive 3-Prong	✓	✓
Cross® 2-Prong	✓	✓
Cross® Cap Nut Remover	✓	✓
Cross® Hex Driver 13.8mm	✓	✓
Cross® Pentalobe	✓	✓
Depuy® Moss-Miami® Interrupted Socket	✓	✓
Depuy® Moss-Miami® Socket	✓	✓
Depuy Spine® Outer Nut	✓	✓
EBI® SpineLink® ACS	✓	✓
EBI® SpineLink® II	✓	✓
EBI® SpineLink® II Socket	✓	✓
EBI® Square	✓	✓
Interpore Cross® Unlocking Tool	✓	✓
Medtronic® Quad	✓	✓
Orthofix® Square 2.0mm		✓
Orthofix® Square 2.5mm		✓
Orthofix® Square 3.0mm		✓
Orthofix® Square 3.5mm		✓
Orthofix® Square 4.0mm		✓
Spine Tech® Octagon	✓	✓
4-Prong Pedicle Screw		✓
Seaspine Unlocking Tool Assembly	✓	
Stryker Spine® 4-Prong	✓	✓
Stryker® Xia® Hexalobe		✓
Stryker® Xia® Pedicle Screw		✓
Synthes® 11mm 12pt	✓	✓
Synthes® Click'X®	✓	✓
Theken Spine®		✓
US Spine® 3-Prong		✓
Zimmer Spine® Cervi-Lok®	✓	✓
Zimmer® Dynesys® L.I.S.		✓
Zimmer® Incompass®		✓
Zimmer® Nex-Link®		✓
Zimmer® Pathfinder® Hexalobe Socket E7		✓
Zimmer® Silhouette® Heptagon 1/2"		✓
TOTAL	**28**	**44**

Standard Compatibility

	MKS1031	S9SPINE
Hex	14	18
Hex Socket	15	21
Cruciform	5	6
Torx	7	13
Flat	3	3
Phillips	✓	✓
Saddle	2	6
Hexalobe	-	4
Total	**47**	**68**

INSTRUMENTATION for Total Spine

	MKS1031	S9SPINE
Extension Shaft	3	4
Double Ended Wrench	2	4
Helicopter Socket	-	3
Breaker Bar	-	✓
Power Adapter	-	✓
Ratcheting In-Line Handle	✓	✓
Ratcheting T-Handle	✓	✓
Pliers	✓	✓
Rod Grippers	✓	✓

TOTAL SYSTEM DRIVERS

	MKS1031	S9SPINE	# Increase	% Increase
C	37	56	19	51%
TL	52	76	24	46%
Total	**79**	**116**	**37**	**47%**

Longer Drivers
For complete access to any spinal implant

2mm HEX

New Instrumentation

SDR813-SDR815 Helicopter Sockets
Remove challenging screw/rod constructs

SWR005-SWR006 Double Ended Wrenches
2 new wrenches in addition to existing SWR003-SWR004 double-ended wrenches

SXN010 12" Extension Shaft
Total access to deeper surgical sites

HD239-M01 Breaker Bar
Powerful torque without the use of powered tools

SAD005 Power Adapter
For the surgeon who prefers to operate under power

Upgraded Tools: Long Nose Locking Pliers

More robust design for greater grip strength, with improved locking mechanism

Innovative Solutions: Helicopter Sockets

Remove screw constructs that are still fixed to the spinal rod

S9SPINE IS COMPATIBLE WITH AESCULAP® STAR CASE #JK444/JN444 WITH LID #JK486/JP002