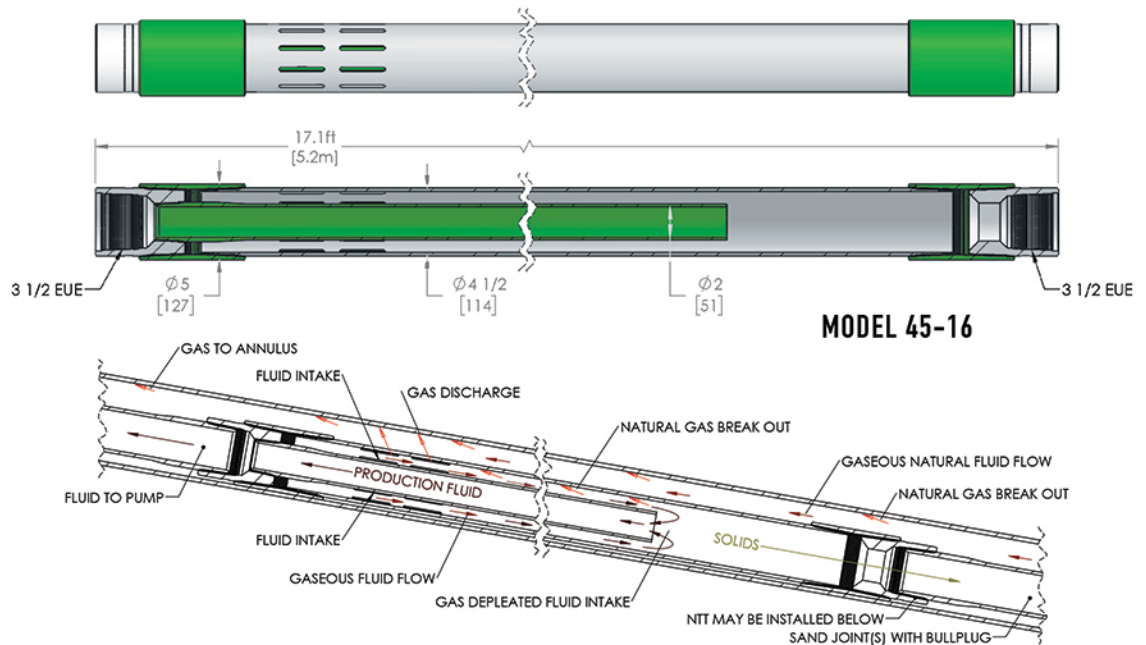
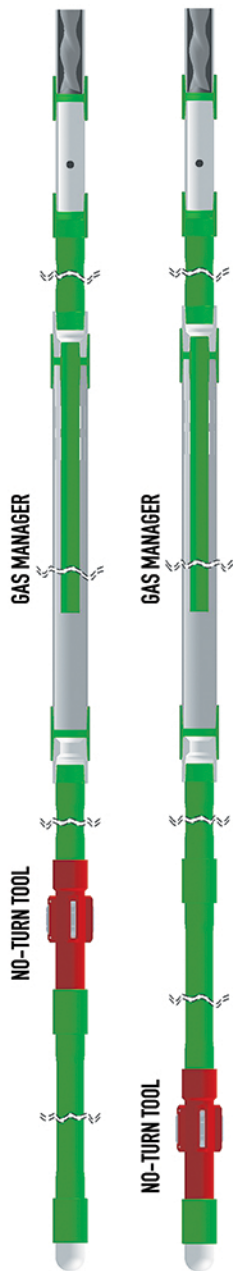


MANTL'S GM IS PROVEN TO REDUCE GAS AT PUMP INTAKE AND INCREASE EFFICIENCY



NO-TURN TOOL CAN BE INSTALLED DIRECTLY BELOW GAS MANAGER OR BELOW MUD JOINTS

- PRACTICAL, COST-EFFECTIVE SOLUTION TO REMOVE GAS AND THUS IMPROVE FLUID QUALITY ENTERING THE PUMP INTAKE
- CAN BE INSTALLED ANYWHERE BETWEEN HORIZONTAL TO VERTICAL
- FINAL INTAKE POINT LOWER THAN SUCTION (UP TO HORIZONTAL)
- EASY DISASSEMBLY FOR CLEANING AND REUSE
- ROBUST DESIGN PROVIDES HANDLING DURABILITY

MODEL	GM-28-16	GM-28-26	GM-35-16	GM-35-26	GM-45-16	GM-45-26
Max. Outside Diameter: in (mm)	3.5 (88.9)	3.5 (88.9)	3.9 (99.1)	3.9 (99.1)	5.0 (127.0)	5.0 (127.0)
Length: ft (m)	15.5 (4.7)	25.5 (7.8)	16.3 (5.0)	26.3 (8.0)	17.3 (5.3)	27.3 (8.3)
Top Connection	2-7/8" EUE Box	2-7/8" EUE Box	2-7/8" EUE Box	2-7/8" EUE Box	3-1/2" EUE Box	3-1/2" EUE Box
Bottom Connection	2-7/8" EUE Pin	2-7/8" EUE Pin	2-7/8" EUE Box	2-7/8" EUE Box	3-1/2" EUE Box	3-1/2" EUE Box
Torque rating: ft-lbs (Nm)	1600 (2171)	1600 (2171)	1600 (2171)	1600 (2171)	2500 (3392)	2500 (3392)
Liquid: bbls/d (m ³ /d)*	630 (100)	630 (100)	945 (150)	945 (150)	1575 (250)	1575 (250)
Intake Area: in ² (mm ²)	0.86 (555)	0.86 (555)	1.49 (961)	1.49 (961)	3.12 (2013)	3.12 (2013)
Tool Intake Area: in ² (mm ²)	0.86 (555)	0.86 (555)	1.49 (961)	1.49 (961)	3.12 (2013)	3.12 (2013)
Minimum Casing Size: in (mm)	4 1/2 (114.3)	4 1/2 (114.3)	5 1/2 (139.7)	5 1/2 (139.7)	7 (177.8)	7 (177.8)

* based on 150 cP fluid and 75° inclination, viscosity and inclination dependant, approximate upper limit