

Joshua, SIP answers:

**Can a different sized tyre change the transmission ratio?**



The gear transmission ratio can be very quickly and easily changed through another tyre dimension. For example, a 120/90 has a rolling circumference which is approx. 7% larger than the 3.50-10" original tyres. This means that greater speeds can be reached with a corresponding engine performance.

Tyre	width (mm)	rolling circumference (mm)
3.50-8	88,9	1154
4.00-8	101,6	1241
2.75-9	58,70	-
3.00-10	76,2	1235
3.50-10	88,9	1307
4.00-10	101,6	1394
90/85-10	90	1237
90/90-10	90	1265
100/80-10	100	1259
100/85-10	100	1289
100/90-10	100	1319
110/80-10	110	1307
110/90-10	110	1374

