

50-Meter Pool versus Stretch 25-Meter Pool Comparison

50 Meter Pool (Estimated \$7.7M Additional Cost)

1. Recommended dimensions - 50 meters by 25 yards (additional pool length required for bulkhead(s))
2. 8, 9, or 10 lanes in the 50 meter direction
3. 20 – 22 lanes in the cross-pool direction
4. Can have 1 or 2 bulkheads
 - a. One bulkhead allows two simultaneous 25 yard meets in opposite directions
 - b. Two bulkheads allows two simultaneous 25 yard meets in same direction (parallel to seating)
 - c. Two bulkheads can also allow a centered racecourse (relative to stands) – bulkhead to bulkhead
 - d. A second bulkhead would be 6' wide (since it is started from) so the natatorium length increases by 6'
 - e. With two bulkheads, a separate warm-up area is available (two lanes - between the bulkheads) in conjunction with the two racecourses.
5. The ability to run two simultaneous meets allows a facility to host large invitational and championship meets. Typically in the preliminary rounds, all women's events will be in one course while all men's events will be in the other course.
6. A 50 meter pool is potentially desirable to host USA Swimming competitions in long course.
7. A 50-meter pool is potentially desirable to host USA Swimming competitions with two 25 yard courses (more athletes – more revenue, more economic impact).
8. There are several different depth contours worth considering to simultaneously accommodate 25-yard swimming, deep water activities (such as diving) as well as shallow water activities.
9. The ability to practice in a 50 meter pool could have training advantages as well as recruiting advantages. (NCAA meets use 25 yard format)
10. Larger pool and more ability for simultaneous activities may allow for user groups to have more desirable time-slots.
11. Three "practice" water polo courses are possible in cross-pool configuration.

Stretch 25 Pool (Estimated \$7.7M Reduced Cost)

1. Stretch pools are typical to allow swimming and diving to occur at the same time – for both competition and training.
2. Pool width is recommended to be 25 yards to provide cross-pool swimming and maximum flexibility. 14 - 16 cross-pool lanes can be provided. The length is of a stretch pool depends upon the activities being offered. Length options are:
 - a. 115' -- 25 Yard plus 1M Diving (8850 SF)
 - b. 120' -- 25 Yard plus 3M Diving (8925 SF)
 - c. 122' -- 25 Meter plus 1M Diving (9075 SF)
 - d. 127' -- 25 Meter plus 3M Diving (9450 SF)

- e. (Above lengths include 5' bulkhead)
- 3. There are several different depth contours worth considering to simultaneously accommodate multiple activities.
 - a. Two different 25 yard racecourses (parallel to spectators) are possible - a course including a shallow end OR an all-deep course.
 - b. Cross-pool competitions are possible but may not be ideal for spectators.
 - c. Only one 25 yard meet can be held at a time.
- 4. Two "practice" water polo courses are possible in cross-pool configuration

Other Considerations

- 1. Factors that guide the decision process.
 - a. Is 50m training critical? competition?
 - b. Revenue generation from hosting events.
 - c. Team size...pool capacity at 4 or 5 per lane.
 - d. Schedule – simultaneous activities.
 - e. Operational cost vs. revenue for options being considered.