

# COMPRESSOR SELECTION GUIDE

Please Note: this selection tool is intended as a high-level reference only. Additional factors to those listed here will impact equipment selection, and this tool is not intended to replace proper consultation and engineering considerations. Contact the experts at NEXT Compression for more information on selecting the proper compression technology.

## Notes:

<sup>1</sup> Use our HorsePower Calculator found on our website and mobile app: [www.nextcomp.ca](http://www.nextcomp.ca)

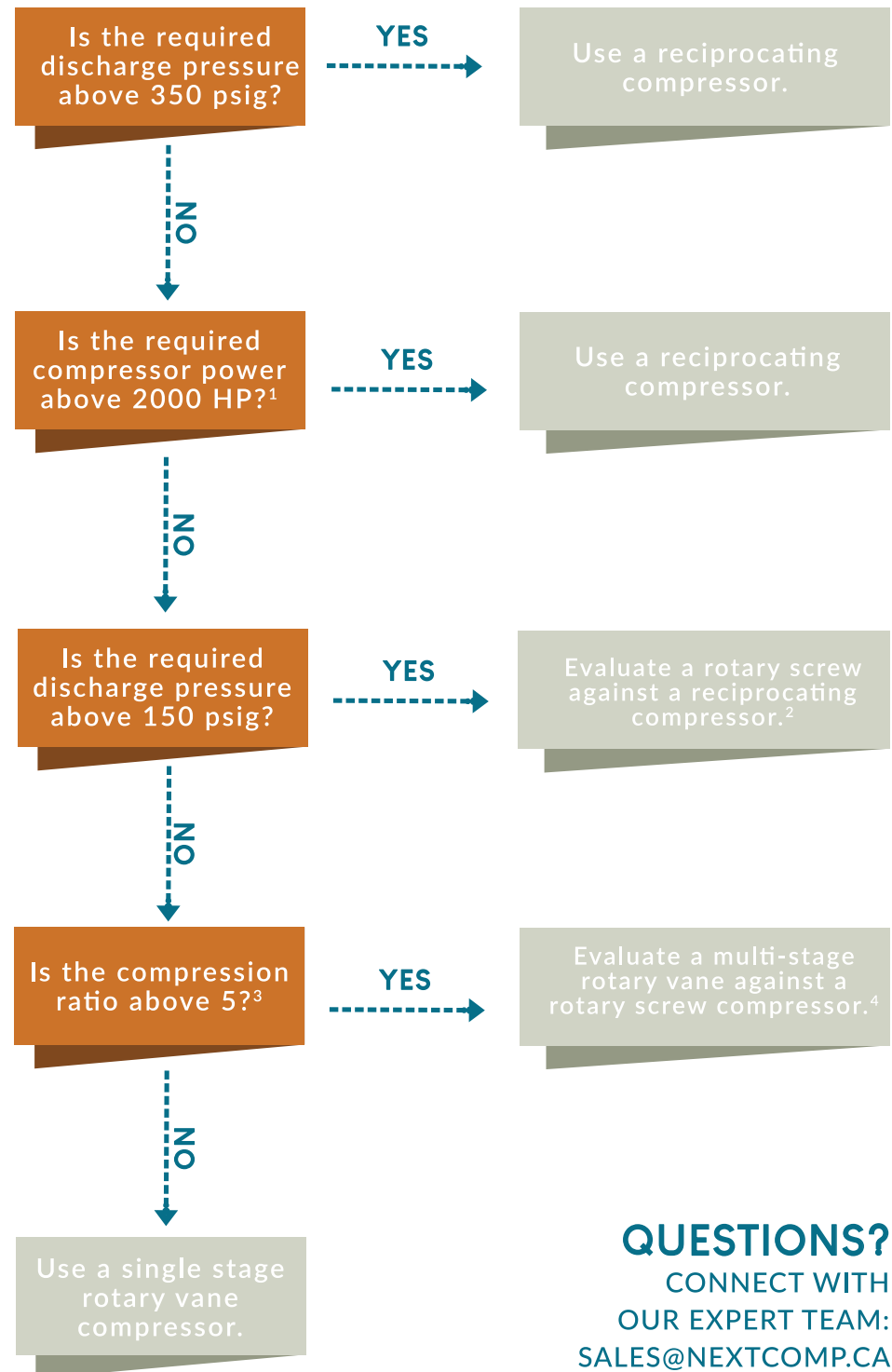
<sup>2</sup> Multi-stage reciprocating compressors are more efficient than high-ratio rotary screw applications from a power consumption standpoint, but tend to be a higher capital expenditure and maintenance cost, with less turndown capability. Contact the experts at NEXT for more detail on evaluating alternatives at this stage.

<sup>3</sup> Compression ratio is defined by the discharge pressure divided by the suction pressure in absolute terms, not gauge.

<sup>4</sup> A rotary screw compressor will tend to be less capital expenditure than a multi-stage vane. Some additional factors to consider in selection are customer preference, gas composition, and operating flexibility.

**NEXT**  
COMPRESSION

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**QUESTIONS?**  
CONNECT WITH  
OUR EXPERT TEAM:  
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