

THE ORGAN

IN

St. Chad's Church, Far Headingley, Leeds,

1911.

The organ is the gift of Mrs. W. Howard Stables and her children, and was built by Messrs. HARRISON & HARRISON, of Durham and London, to the following specification drawn up by the builders, in consultation with Mr. H. Percy Richardson, organist and choirmaster of the Church. It contains three manuals, CC to C, 61 notes, and two and a half octaves of concave and radiating pedals, CCC to G, 32 notes, 37 speaking stops and 12 couplers, making a total of 49 drawstops.

PEDAL ORGAN, 7 Stops, 3 Couplers.

	FEET.
1. Major Bass (open to FFFF, 5 lowest acoustic; 20 from No. 2)...	Wood, 32
2. Open Wood	" 16
3. Sub Bass	" 16
4. Geigen ... (from No. 16) ...	Metal, 16
5. Octave Wood (20 from No. 2) ...	Wood, 8
6. Flute ... (20 from No. 3) ...	" 8
7. Trombone (20 from No. 25) ...	Metal, 16

- I. Choir to Pedal.*
- II. Great to Pedal.*
- III. Swell to Pedal.*

CHOIR ORGAN, 8 Stops, 1 Coupler and Tremulant.

In a swell-box.

	FEET.
8. Lieblich Bordun Metal & Wood,	16
9. Geigen	Metal, 8
10. Viole d'Orchestre	" 8
11. Harmonic Flute	" 8
12. Flauto Traverso	" 4
11. Harmonic Piccolo	" 2
14. Orchestral Bassoon	" 16
15. Clarinet	" 8

- IV. Tremulant.*
- V. Swell to Choir.*

GREAT ORGAN, 11 Stops, 3 Couplers.

	FEET.
16. Gross Geigen	Metal, 16
17. Large Open Diapason	" 8
18. Small Open Diapason	" 8
19. Hohl Flöte (open throughout)...	Wood, 8
20. Octave	Metal, 4
21. Wald Flöte (triangular)	Wood, 4
22. Octave Quint	Metal, 2
23. Super Octave	" 2½
24. Harmonics, 17, 19, 21, 22	—
25. Tromba... (harmonic trebles) ...	" 8
26. Octave Tromba (" ")	" 4

- VI. Reeds on Choir.*
- VII. Choir to Great.*
- VIII. Swell to Great.*

SWELL ORGAN, 11 Stops, Tremulant, and 1 Coupler.

	FEET.
27. Open Diapason	Metal, 8
28. Lieblich Gedeckt	" 8
29. Echo Gamba	" 8
30. Vox Angelica (ten. C)	" 8
31. Geigen Principal	" 4
32. Gemshorn Fifteenth	" 2
33. Mixture, 12, 19, 22	" —
34. Oboe	" 8

IX. Tremulant.

35. Double Trumpet	" 16
36. Trumpet (harmonic trebles)	" 8
37. Clarion (" ")	" 4

X. Octave.

COMBINATION COUPLERS.

- XI. Great and Pedal Combinations coupled.*
- XII. Pedal to Swell Pistons.*

ACCESSORIES.

Four combination pedals to the Pedal organ.
 Three combination pistons to the Choir organ.
 Four combination pistons to the Great organ.
 Four combination pistons to the Swell organ.
 Reversible piston to *Great to Pedal*.
 Reversible piston to *Swell to Great*.
 Two balanced crescendo pedals.

WIND PRESSURES.

Pedal flue-work, 4 inches and 5 inches; reeds, 12 inches.
 Choir, 5 inches.
 Great flue-work, 4 inches; reeds, 12 inches.
 Swell flue-work, and "Oboe," 4 inches; other reeds, 8 inches.
 Action, 12 inches.

The draw-stop jambs are at an angle of 45 degrees to the key-boards, and fitted with ivory bushes. The stop-handles have solid ivory heads, the speaking stops being lettered in black and the couplers, etc. (indicated above by italics) in red. The latter are grouped with the speaking stops of the departments they augment.

The builders' latest system of tubular-pneumatics has been applied to the whole mechanism of the organ, except the manual to pedal coupling action, which is mechanical.

1,334 of the metal pipes are of best bright spotted metal, including all trebles, harmonic, covered and cone-tuned pipes. The Great Large Open Diapason is of special plain organ-metal, of great weight and substance with hardened feet.

The organ is tuned to the new French pitch, *i.e.*, C=517 vibrations per second at 60 degrees F.

The blowing apparatus consists of a 7 H.P. electric motor and fans placed in a separate chamber, and there are seven reservoirs in the organ.

The case is of oak.